

# PORTWEST®

OVER 100 YEARS' EXPERIENCE IN EVERY STITCH

THE FUTURE OF  
**WORKWEAR**  
IS HERE >>

**GLOBAL  
SAFETY  
SUPPLIER**



# Local Draper to Global Manufacturer



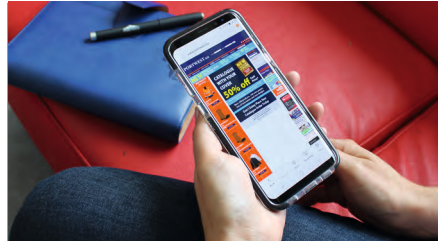
Family owned since 1904.

Charles Hughes, son of a small farmer on the Wild Atlantic coast, was determined to have the best workwear and footwear when he founded his business in 1904. Over 100 years later his core principles of exceptional design, quality, value and service still apply today.



## Manufacturing

Portwest products are manufactured across Europe and in Asia. Portwest own three ultra-modern factories in Bangladesh and Myanmar, giving us full control of our exceptional quality, lead times and ethical sourcing. Our factories are Worldwide Responsible Accredited Production (WRAP) certified, meaning customers can be assured all Portwest products are manufactured ethically and responsibly.



## Customer Service

# 24/7/365

Portwest's B2B website allows customers to check stock, place orders and receive order confirmations within minutes, 24/7/365

- [www.portwest.com](http://www.portwest.com)
- [twitter.com/portwest](https://twitter.com/portwest)
- [linkedin.com/company/portwest](https://www.linkedin.com/company/portwest)
- [facebook.com/portwest](https://www.facebook.com/portwest)



## Warehouses and Offices

**Sales Offices:** UK, USA, Australia, UAE, Ireland and Poland  
**Warehouses:** UK, USA, Australia, New Zealand, UAE, Panama, Ireland and Poland



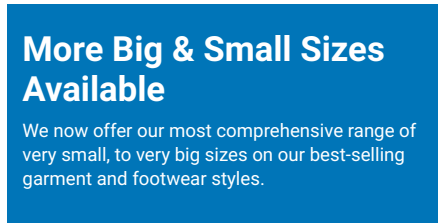
## Full International Testing and Certification

Portwest takes safety seriously. All Products are independently tested to the highest international standards. Portwest certificates and declarations of conformity can be downloaded from [www.portwest.com](http://www.portwest.com)



## Same Day Dispatch

All orders received via the Portwest website are processed within 45 minutes. Orders received via fax, phone or email are dispatched on the same day. Order online at [www.portwest.com](http://www.portwest.com)



## More Big & Small Sizes Available

We now offer our most comprehensive range of very small, to very big sizes on our best-selling garment and footwear styles.



## Innovation and Design

Portwest's expert design team comprises of industry leading technical Product Managers and Designers. The team combine the latest research in materials and design with industry feedback and a passion for quality to develop and continually improve the product offering. In this catalogue, there are 200 innovative new designs spread across every range.



## Sustainability and the environment

Portwest are committed to moving toward a sustainable future and is fully supportive of worldwide efforts to phase out the use of harmful chemicals where possible in the manufacturing process. The Portwest range includes garments made using recycled polyester and fully complies under REACH legislation.



## Industry Associations

Portwest is a member of the leading safety industry research and technology centres.



## Portwest Only Sell To Resellers

Portwest supplies the best products at the most competitive prices, providing a one-stop shop for distributors and resellers.



Portwest holds ISO 9001 for quality management systems and ISO 14001 for environmental management. The Portwest UK warehouse and manufacturing facility is fully independently audited and certified.

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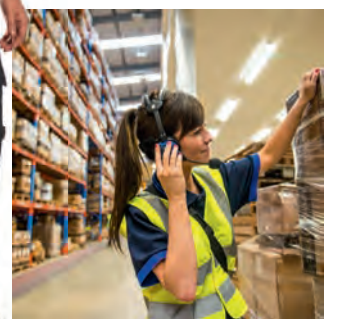


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# Industries

Oil & Gas | Mining | Asbestos Handling | Automotive | Aviation | Chemical & Hazardous Materials | Construction | Disease & Contamination | Electronics | Engineering | Food Processing | Forestry | Government & Local Authorities | Motorway & Road Building | Manufacturing | Oil/Grease-Related Environments | Painting & Decorating | Pharmaceutical | Police | Ports & Shipping | Railways | Transport | Tourism & Entertainment | Utilities | Veterinary Services | Warehousing | Welding & Allied Processes | Waste Management and many more.





# 14 SERIOUS SAFETY HAZARDS TO AVOID



## HEAT AND FLAME

Workers in the toughest industries regularly encounter heat and flame. Whether it is radiant, convective or conductive heat, serious injuries and even fatalities are caused by heat and flame hazards. Workers deserve the powerful protection offered by Portwest's innovative flame resistant range of products.

**133**  
Styles



## ELECTROSTATIC - ESD

Electrostatic discharge, or ESD as it is more commonly known, is the rapid, spontaneous transfer of electrostatic charge induced by a high electrostatic field. Failure to protect against the dangers of ESD cost industries millions every year.

**15**  
Styles



## ELECTRIC ARC

An electric arc is a continuous electric discharge of high current between conductors generating very bright light and intensive heat. If a worker is in close proximity to an Arc flash, serious injury and even death can occur.

**88**  
Styles



## EYE PROTECTION

Every day workers across the globe lose valuable working hours or suffer potentially life changing injuries due to eye accidents. Portwest eye protection range offers 50 innovative products that provide powerful optical protection against workplace hazards.

**106**  
Styles



## IMPACT

Head, hand or foot, impact is a serious workplace hazard. Portwest's team of experts utilise the latest research in materials technology to offer protective equipment that absorbs the maximum amount of force from impacts.

**144**  
Styles



## NOISE

Frequent exposure to loud noise is one of the most common work place hazards. Exposure to loud noise can kill the nerve endings in the inner ear and over time the result can be permanent hearing loss that cannot be corrected.

**26**  
Styles



## CHEMICAL

Industrial workers face dangers posed by chemicals every day. Chemicals present danger in many forms. As liquids, sprays, dry particles or in pressurised form chemicals pose a serious threat. Portwest offers powerful chemical protection solutions across the range.

**23**  
Styles

# ULTIMATE PROTECTION AGAINST EXTREME INDUSTRY HAZARDS



## NUCLEAR PARTICLE

Radioactive contamination is a real risk for workers in many industries. Garments that help prevent contamination to skin and hair are a must for workers potentially exposed to this type of hazard.

**36**  
Styles



## RESPIRATORY PROTECTION

Respiratory protective equipment is used to protect the individual wearer against inhalation of hazardous substances in workplace air. At worst these hazards may cause cancer, lung impairment, diseases, or death.

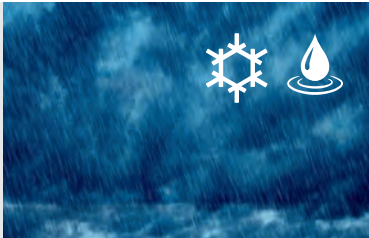
**63**  
Styles



## EXTREME HOT WEATHER PROTECTION

The harmful effects of the sun seriously compromise worker's health. Heat related fatigue and illness cost employees serious time and money. The Portwest design team have developed products that keep workers cool and protected from extreme heat and sun exposure.

**36**  
Styles



## EXTREME COLD WEATHER PROTECTION

Extremely cold or wet weather conditions present a serious work place hazard. Frostbite and hypothermia are real concerns for many industrial workers. Portwest provides workwear and PPE solutions for all climatic conditions.

**59**  
Styles



## VISIBILITY

Workers in low light and poor visibility conditions, especially those working around moving vehicles, need high visibility garments to ensure maximum visibility. Portwest offers 300+ styles - the most comprehensive range of high visibility garments in the market. The new Glowtex styles now offer triple protection.

**245**  
Styles



## SLIP PROTECTION

From heavy manufacturing to the pharmaceutical sector slips, trips and falls are the most common cause of workplace injury. The provision of slip resistant footwear and safety mats is key to protecting workers from this hazard.

**160**  
Styles



## FALLS FROM HEIGHT

Fall protection is put in place to prevent the risks associated with falling from heights, reducing impact force, restricting obstacle and ground collision and restricting users from fall hazard areas.

**33**  
Styles

# Exclusive Innovation and Designs



TRIPLE TECHNOLOGY HI-VIS



Revolutionary Portwest Glowtex™ Triple Technology. Incorporating three fundamental properties, brightly coloured fluorescent fabric, very high performance HiVisTex retroreflective tape and light emitting Glowtex phosphorescence tape which emits light in very low or no light conditions.

**SOLAR CHARGED TECHNOLOGY**



3RD GENERATION WORKWEAR



Portwest PW3™ range is characterised by fresh dynamic designs, premium fabrics and a contemporary fit.

**THE FUTURE OF WORKWEAR IS HERE**



SLIM FIT STRETCH FABRIC



Portwest STRETCH is a premium cotton stretch fabric. A blend of 98% cotton and 2% elastane provides the ultimate in comfort and flexibility.

**DYNAMIC SLIM FIT**



TRANSLUCENT HELMET



The Peak View™ Hard Hat is a Portwest exclusive design and patented model. The translucent shell and see through peak and sides allow the wearer to look upwards without the need to tilt the head.

**UV 400 PROTECTION**



FLEXIBLE METATARSAL PROTECTION



The Portwest Mettamax Safety Wellington offers complete foot protection. The innovative, non-metallic design allows flexibility and comfort to the wearer. Helps protect against hazards in heavy industrial work environments.

**TOTAL METATARSAL PROTECTION**



ADVANCED NANO-TECH PROTECTION



The PW Nano 6000 range have been developed with a revolutionary coating which makes the gloves super hydrophobic and oleophobic. This creates an impenetrable barrier between the glove and the underlying surface, from water, oil and other liquids.

**GROUND BREAKING PROTECTION**



# TEXPEL™

Innovative Fabric Finishes used to Enhance Garment Performance.



## SPLASH, OIL + STAIN

- ✓ Helps protect fabric from oil and grease
- ✓ Drives away dirt and grime
- ✓ Enhanced water resistance
- ✓ Aids the release of stubborn stains when washing
- ✓ Helps retain fabric softness



## WATER RESISTANT

- ✓ Extreme water resistance
- ✓ Water beads away from the fabric surface
- ✓ Repels dirt and helps prevent stains
- ✓ Allows for garment breathability
- ✓ Enhanced stain removal



## DRYING & WICKING

- ✓ Wicks moisture away from the skin
- ✓ Keeps fabric fresh and comfortable
- ✓ Retains fabric brightness
- ✓ Powerful protection from stains
- ✓ Enhanced garment breathability
- ✓ Blocks bad odours

# EZEE ZIP™

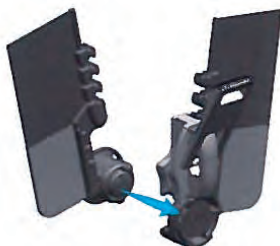
The first major zip fastening technology for a century

## NEW INNOVATIVE ZIP TECHNOLOGY

- ✓ Ideal for those wearing gloves
- ✓ Easy to work
- ✓ Easy to close
- ✓ Ideal for left or right handed users
- ✓ Both hands are equal
- ✓ No more fraying or broken zips



## EXCLUSIVE ZIP DESIGN



GLOWTEX, PW3, PEAKVIEW, TEXPEL and EZEE ZIP are trademarks of Portwest.

## FLAME RESISTANT



Araflame™ is an inherently, flame resistant, lightweight fabric constructed from an aramid blend. Araflame will not ignite, melt or shrink when exposed to heat.



Modaflame™ has been designed and developed to provide flame, welding, electric arc and anti static protection. It is constructed from 60% modacrylic, 39% cotton and 1% carbon fibre.



Constructed from 61% modacrylic, 18% viscose, 15% polyester, 5% aramid, 1% carbon fibre, Modaflame HVO woven uses advanced technology to provide protection in a multi-risk environment. Inherently flame resistant and anti-static, this unique blend of fibres has highly effective moisture management properties and a comfortable handle. Certified to a range of standards including EN ISO 20471 Orange and RIS 3279, Modaflame HVO woven provides outstanding versatility and protection.



Modaflame Knit is constructed from an inherently fire resistant and anti static yarn and has the ability to withstand heat and protect against the danger caused by static electricity.



Bizflame™ Plus has been developed and designed to produce a highly innovative flame resistant fabric with added anti-static properties.



Bizflame Multi has been designed and developed to provide flame, welding, anti-static and chemical protection. The fabric is constructed with 99% cotton and 1% carbon fibre.



Bizflame Rain is specially developed to give full protection against flame & anti-static hazard and also gives the added benefits of high visibility & foul weather protection.



Bizflame Pro has been developed to provide full protection against the dangers of welding, flame & static electricity. It is constructed from 99% cotton, 1% carbon fibre, twill weave.



Bizflame Ultra is blended from 80% cotton, 19% FR polyester and 1% carbon fibre, 340g. The FR polyester content in Bizflame Ultra provides excellent abrasion, shrinkage and colour fastness. This fabric is tough enough to withstand the rigours of industrial laundry making it ideal for the off shore industry.



This smooth, high performance interlock knit is made from 100% FR cotton. The fabric offers superior strength and a lightweight feel. Guaranteed flame resistance for the life of the garment ensures value and peace of mind. Bizflame knit offers outstanding protection against electric arc with an ATPV rating of 12 Cal/cm2, this exceeds the requirements for ARCC clothing.



The garments in the Bizweld™ Flame Resistant range have been specially designed to guarantee performance and safety whilst providing effective protection at all times.



This fabric is 100% eco cotton drill with a unique flame resistant finish.

## WORKWEAR



Consists of a polypropylene substrate to which a laminated microporous polyethylene film is applied (PP/PE). The outer layer of Biztex™ fabric prevents passage of liquid molecules inwards yet permits the vapor molecules that build up inside to pass out.



Made with 300 Denier 100% polyester yarns, 300D fabric has superb abrasion and tear resistance. The polyurethane (PU) coating on the inside makes the fabric durable and waterproof and the outer has a water and stain repellent coating which helps keep the fabric clean.



Cotton Comfort is constructed from a blend of 55% cotton/45% polyester. With the cotton on the inside for comfort and the polyester on the outside for maximum durability this is a robust fabric that provides ultimate comfort. Certified to EN20471.



Portwest Stretch is a premium cotton stretch fabric. A blend of 98% cotton and 2% elastane provides the ultimate in comfort and flexibility. The high cotton content gives an ultra soft handle, and the added elastane delivers ease of movement. The long staple fibres used in the construction process provide strength, excellent pilling resistance and a superior finish. This fabric has a UPF rating of 50+ to block 98% of UV rays.

## CLASSICS



PORTWEST PWR™ is a premium high performance rainwear fabric that offers superior comfort, function and endurance in all weather conditions. Waterproof, breathable and windproof to the highest standards, this collection far exceeds the requirements of EN343 Class 3:3.



This durable, stretchable fabric is tear resistant, anti-fungal, oil, fat, diesel and grease resistant and can be easily wiped clean. All garments are finished with high frequency welded seams ensuring maximum water-resistance.



Sealtex™ Flame is a flame & chemical resistant, PU coated, polyester fabric. It is flexible & lightweight.



Sealtex Ultra is a highly breathable, high technology, PU coated fabric, on a flexible 100% Polyester Tricot knit, 185g. Sealtex Ultra meets high visibility standard EN ISO 20471.



Portwest Texo™ fabric is composed of 60% Cotton/40% Polyester. The cotton content gives a soft handle while the polyester provides durability & moisture wicking properties.



100% Cotton fabric is comfortable and absorbent. This is suitable for both domestic & high temperature laundering.



Ripstop fabric is constructed using 100% polyester and is PVC coated. The tough outer ripstop shell guarantees outstanding waterproof protection.



Kingsmill™ fabric guarantees high performance and maximum comfort. The material is fully pre-shrunk, has superior dye retention and all the attributes you would expect from a modern workwear fabric (65% Polyester/35% Cotton).



Fortis™ fabric has been constructed to a high specification and is the practical choice for your workwear needs (65% Polyester/35% Cotton).

ARAFLAME, MODAFLAME, BIZFLAME, BIZWELD, BIZTEX, PWR, SEALTEX, PORTWEST TEXO, KINGSMILL and FORTIS are trademarks of Portwest.



## CE MARKINGS

CE Marking on a product indicates compliance with the essential requirements for health & safety as outlined in the EU Directive (89/686/EEC).

The manufacturer of CE-marked goods verifies that the product complies with all applicable EU requirements, such as safety, health and environmental protection, and if stipulated in any EU product legislation, has had them examined by a Notified Body or produced according to a certified production quality system.

Not all products need CE markings. Only product categories subject to relevant

directives or regulations are required or allowed to bear CE marking.

End users of protective products should refer to directive 89/656/EEC for the assessment of health and safety at work. Employers are required to carry out a risk assessment before deciding on the appropriate protective equipment for their employees.

Please contact the local safety authority in your region for additional information on CE marking.

**This brochure offers hundreds of items which are fully CE compliant. This provides total assurance of product manufacturing standards.**



**211**  
HIGH VISIBILITY



**118**  
HAND PROTECTION PRODUCTS



**100**  
FLAME RESISTANT



**144**  
PPE



**114**  
FOOTWEAR PRODUCTS




**31**  
FALL PROTECTION




**9**  
WORKWEAR



**15**  
BIZTEX



**8**  
RAINWEAR PRODUCTS



**33**  
ACCESSORIES



# KEY SYMBOLS

## PRODUCT FEATURES



**IMPROVED**  
Indicates an improvement to the existing product.



**8XL/XXS**  
Indicates the size range of the product from smallest to largest size.



**ANSI/ISEA**  
Indicates the product is tested/certified to the USA ANSI standard.



**CE CAT III**  
Indicates the product is CE marked as a Category 3 item for complex design.



**New colour**  
Indicates that a new colour/colours have been added to the style.



**New style**  
This symbol indicates a new product has been added to the brochure.



**Ladieswear**  
This symbol indicates that the products have been designed specially for ladies with a flattering fit.



**Interactive garment**  
This symbol indicates zip-in fleece or vest feature to create a one-piece garment.



**European Flag**  
This symbol indicates that the product is manufactured in the European Union.



**ESD**  
This symbol indicates that the product is suitable for use in ESD environments.



**Dual standard**  
Indicates that the garment is certified to NFPA2112 and NFPA70E.



**CE certified**  
This symbol indicates conformity of essential health and safety requirements as set out in European Directives.



**Half elasticated waist**  
This symbol indicates a half elastic waistband on trouser which allows for all-day comfort for the wearer.



**Radio loop**  
This symbol indicates that the garments have a radio loop for easy attachment of a radio.



**Phone pocket**  
This symbol indicates that a mobile phone pocket is included in the garment.



**Fully elasticated waistband**  
This symbol indicates a fully elasticated waistband on trouser which allows for all-day comfort for the wearer.



**Concealed detachable hood**  
This symbol indicates that the garment comes with a detachable hood.



**Print access**  
This symbol indicates that garments have print/embroidery access.



**Knee pad pockets**  
Many of our products incorporate knee pad pockets. These garments have been developed to carry our range of ergonomically designed knee pads.



**Hood**  
This symbol indicates that the garment comes with a non-detachable hood.



**Interactive garment**  
This symbol indicates zip-in fleece or vest feature to create a one-piece garment.



**Taped seams**  
This symbol indicates that the garment has taped waterproof seams.



**Multiple storage pockets**  
This symbol indicates that the garment is designed with multiple pockets.



**Two-way zipper**  
This symbol indicates that the zip can be opened from the top or bottom of the garment.



**Welded waterproof seams**  
This symbol indicates that the garment has high-frequency welded waterproof seams.



**UPF 50+**  
This symbol indicates the fabric has a UPF rating of 50+ so will block 98% of the UV rays which fall on the garment.



**Reversible garment**  
This symbol indicates that garments are reversible.



**Detachable lining**  
This symbol indicates that the garment has detachable lining.



**X1 1 layer**  
This symbol indicates that the garment is unlined and is made using only the outer layer of fabric.



**Breathable garment**  
This symbol indicates that the garment is made of a breathable, waterproof fabric.



**Lined**  
This symbol indicates that the garment is fully lined.



**X3 3 layer**  
This symbol indicates that the garment has 3 layers - an outer, a mid and an inner layer.



**Unlined**  
This symbol indicates that the garment is not lined.



**FR tape**  
Indicates that the garment has flame resistant reflective tape.



**Holster pockets**  
Swing away tool pockets



**FR,IW**  
Indicates that the garment has double-stitched, industrial wash, flame resistant reflective tape.



**RIS symbol**  
This symbol indicates that the garment meets the rail industry standard for high visibility warning clothing.



**Certified after 50x washes**  
This symbol indicates compliance with EN ISO 20471 after 50 washes\*  
\*Minimum requirement under the EN norm is 5 washes



# KEY SYMBOLS

## PRODUCT DETAIL SYMBOLS



**Fabric**  
This symbol indicates garment fabric details



**Wadding**  
This symbol indicates the garment wadding details



**Z-Colour**  
This symbol indicates the very deep dye colours within that product range



**Contrast Fabric**  
This symbol indicates the garment contrast fabric details



**X-Colour**  
This symbol indicates the standard colours within that product range



**Upper**  
This symbol indicates the material used in the upper of the product



**Lining**  
This symbol indicates the garment lining details



**Y-Colour**  
This symbol indicates the deep dye colours within that product range



**Sole**  
This symbol indicates the material used in the sole of the product. The F code refers to the outsole design e.g. F12

## PACK & CARTON QUANTITY



**Carton Quantity**  
This symbol indicates the quantity of products in a carton which do not have inner boxes.



**Garment Hanger**  
This symbol indicates products are packed with a hanger and retail packaging for display in retail outlets. Ask the sales team for more information.



**Retail Bag**  
This symbol indicates that this packaging aids product presentation for retail sales. All other styles are packed in flat-pack plastic bags to keep items clean. All products have barcodes. Ask the sales team for more information.



**Retail box**  
Indicates that the item is shipped with a retail box to aid product presentation for retail sales.



**Retail Tag**  
This symbol indicates that this item is shipped with a retail tag to aid product presentation for retail sales.

## PACKING QUANTITIES

This indicates how many products are packed per box and carton. All of our products are sold one size and one colour per carton.

### Packing Terms

B = Inner Box  
C = Outer Carton  
P = Pallet

### Unit of Sales (UOS)

This is the minimum order quantity of a product. Unless indicated otherwise the UOS is normally one piece or one pair.



**Example 1**  
UOS=1

### Example 1

10 = Inner Box

200 = Total Outer Carton Quantity

In this case the UOS = 1 piece

Where pack symbols are coloured orange the UOS is greater than 1.



**Example 2**  
UOS=3000

### Example 2

100 = Inner Box

500 = Mid Pack

3000 = Total Outer Carton Quantity

In this case the outer carton quantity is the UOS and is colour coded orange to show this. Ordering 1 unit = 3000 pieces when the order is placed.



**Example 3**  
UOS=10

### Example 3

10 = Inner Box

x30 = Total Outer Carton Quantity (300)

In this case the inner box is the UOS and is coloured orange to show this.



**Example 4**  
UOS=50

### Example 4

50 = Inner Box

x10 = The Number of Inner Boxes Per Mid Pack

x6 = The Number of Mid Packs Per Carton

Inner Boxes Per Carton (10x6 = 60)

Number of Individual Pieces Per Carton (50x10x6 = 3000)

In this case the inner box is the UOS and is coloured orange to show this.

### Examples of units of sale (UOS)

1 = Singles = Garments, specialist gloves sold in singles  
2 = Pair = Footwear, most gloves  
B = Inner box = Disposable gloves  
C = Carton = Biztex, Disposables, A800 gloves



1 = Singles



2 = Pair



B = Inner Box



C = Outer Carton





# HIGH VISIBILITY RANGE

This extensive range of high visibility clothing meets the stringent requirements in both design and construction, to ensure that it meets the latest international high visibility standards EN ISO 20471, ANSI/ISEA 107 and AS/NZS 4602.1. Many of these styles are fully certified to EN ISO 20471 after 50 washes look for this symbol



## 176 *Styles*

- PORTWEST PWR™
- 300D BREATHABLE RAINWEAR
- 300D INDUSTRY RAINWEAR
- ESSENTIALS RAINWEAR
- SEALTEX™ ULTRA RAINWEAR
- PORTWEST TEXO™ WORKWEAR
- GENERAL WORKWEAR
- FLEECE AND SOFTSHELLS
- CORPORATE CASUALS
- VEST RANGE
- JUNIOR RANGE
- ACCESSORIES

### Conversion

To convert grams per square meter to ounces per square yard: x 0.0295

To convert ounces per square yard to grams per square meter: x 33.91

1 Yd<sup>2</sup>

1 M<sup>2</sup>

# 5 Industry Leading High Visibility Fabrics



PORTWEST PWR™ is a premium high performance rainwear fabric that offers superior comfort, function and endurance in all weather conditions. Waterproof, breathable and wind-proof to the highest standards, this collection far exceeds the requirements of EN343 Class 3:3.



Made with 300 Denier 100% polyester yarn, this is a tough fabric for tough conditions. 300D fabric has superb abrasion and tear resistance. The polyurethane (PU) coating on the inside makes the fabric durable and waterproof, and the outer has a water and stain repellent coating which helps keep the garment clean.



Sealtex™ Ultra is a highly breathable, high technology PU coated fabric, on a flexible 100% polyester tricot knit, 185g. Sealtex Ultra meets high visibility standard EN ISO 20471. Waterproof, windproof and breathable, we guarantee this range will keep you warm and dry in adverse conditions. The welded seams keep rain and wind out and the durable, stretchy fabric can easily be wiped clean, allowing the garments to look good and last for longer.



Cotton Comfort fabric is manufactured from a 55% cotton, 45% polyester fabric with cotton on the inside for comfort and polyester on the outside for maximum durability. The cotton/polyester mix ensures that the fabric is highly breathable and that a comfortable temperature is maintained at all times.



The Vest-Port™ fabric is made from a durable 100% polyester warp knitted fabric which is fully certified to the latest high visibility standard. The fabric is lightweight, comfortable and highly breathable. It can be worn over layers to ensure total visibility without adding bulk.



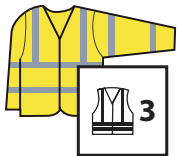


## EN ISO 20471



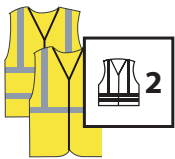
This International Standard specifies requirements for high visibility clothing, which is capable of visually signalling the user's presence. The high visibility clothing is intended to provide conspicuity of the wearer in any light condition when viewed by the operators of vehicles or other mechanised equipment during daylight conditions and under illumination of headlights in the dark.

High Visibility clothing has a fluorescent surface, combined with reflective material that meets certification requirements in 3 different classes:



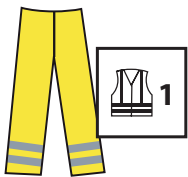
### Class 3: Highest Level

Highest level of protection - required for any persons working on or near motorways or dual-carriage ways or airports. Must incorporate a minimum of 0.80m<sup>2</sup> of background material and 0.20m<sup>2</sup> of retro-reflective materials. (4 metres of 5cm wide reflective tape)



### Class 2: Intermediate Level

Required for any persons working on or near A and B class roads, also for delivery drivers. Must incorporate a minimum of 0.50m<sup>2</sup> of background material and 0.13m<sup>2</sup> of retro-reflective material. (2.60 metres of 5cm wide reflective tape)



### Class 1: Minimum Level

Minimum level of protection required for any persons working on a private road or to be used in conjunction with a higher classed garment. Must incorporate a minimum of 0.14m<sup>2</sup> of background material and 0.10m<sup>2</sup> of retro-reflective material. (2 metres of 5cm wide reflective tape)



## EN 471:2003 + A1:2007

### High Visibility Clothing

This standard was replaced by the new international standard EN ISO 20471:2013



## ANSI/ISEA 107-2015



ANSI/ISEA 107 -2015 is the American National Standard for High Visibility Safety Apparel and Headwear. The industry standard developed by the American National Standards Institute provides a uniform, authoritative guide for the design, performance specifications and use of high visibility and reflective apparel including vests, jackets, bib/jumpsuit coveralls, pants and harnesses. Garments that meet this standard can be worn 24 hours a day to provide users with a high level of conspicuity through the use of combined fluorescent and retro-reflective materials.

### ANSI/ISEA 107- 2015 has 3 garment types indicated below:

ANSI/ISEA 107-2015 TYPE O CLASS 1 for Off-Road Use

ANSI/ISEA 107-2015 TYPE R CLASS 2 for Roadway Use

ANSI/ISEA 107-2015 TYPE R CLASS 3, for Roadway Use

ANSI/ISEA 107-2015 TYPE P CLASS 2 for Public Safety

ANSI/ISEA 107-2015 TYPE P CLASS 3 for Public Safety

## AS/NZS 4602.1:2011



The AS/NZS 4602.1 Standard specifies the visual requirements for high visibility safety garments for occupational wear by people who may be exposed to the hazard of moving traffic, moving plant or equipment in high risk situations. The standard covers garments suitable for daytime wear, night-time wear where they will be seen by retro reflected light or for wear under both conditions but excludes garments for use by fire services.

### The garments specified in this standard are classified as follows:



#### Class D

A garment designed for daytime use.



#### Class N

A garment designed for night use using retro reflected light.



#### Class D/N

A garment designed for day and night use.

## AS/NZS 1906.4:2010

This Standard specifies the requirements for high visibility materials and reflective tape to be used on industrial safety garments for outdoor daytime use and for use at night or in other dark conditions where the wearer needs to be highly visible.



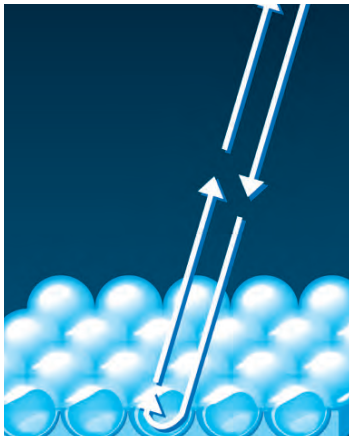
# Quality Testing

The cornerstone of success is stringent quality control. Can you be sure the product you are wearing conforms to EN ISO 20471? A certificate from a test house guarantees that the garment or fabric sent to the test house has attained the EN ISO 20471 standard. It is not a guarantee that the bulk production meets the standard. Therefore, it is necessary that every roll of fabric and retro reflective tape is tested with highly specialised equipment which guarantees that all production meets the EN ISO 20471 standard.



# Reflective Tape Testing

The HiVisTex retro reflective tape used is of the highest quality. Every roll of HiVisTex tape is tested to ensure full compliance to the most up to date versions of EN ISO 20471, ANSI/ISEA 107 and AS/NZS 4602.1 high visibility safety apparel standards. This innovative high visibility tape solution offers the wearer total peace of mind at all times.



## HIVISTEX REFLECTIVE TAPE

HiVisTex is the latest innovation in reflective tape material. HiVisTex tape is constructed from thousands of premium, wide angle, glass beads, placed per centimetre squared. These beads work like thousands of tiny mirrors, reflecting light back towards its source as a brilliant white glow. Perfect for use in the protective clothing industries HiVisTex tape ensures the wearer ultimate visibility in low light conditions.



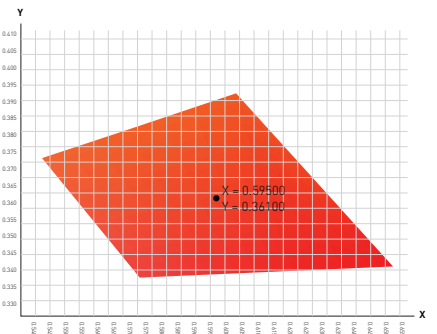
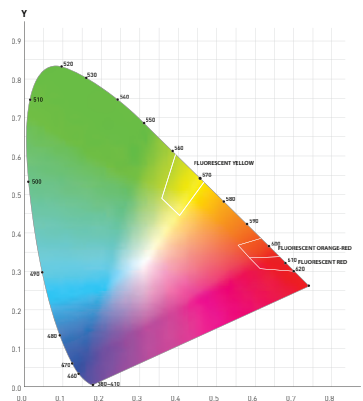
## RETROREFLECTOMETER

This is for checking the performance of retro reflective tape. Every roll of tape is tested to ensure it meets and exceeds the standard requirements. The retroreflectometer measures the coefficient of two rotating angles. EN ISO 20471 states the reading should not be below 330 (cd/lx.m<sup>2</sup>) however at Portwest we insist on a reading of 400 (cd/lx.m<sup>2</sup>) plus.



# Fabric Testing

In the quality control laboratory the Minolta Spectrophotometer is used to check every roll of fabric. This guarantees that the fabric used is fully compliant to the EN ISO 20471 standard.



## CLOSE-UP VIEW OF FLUORESCENT ORANGE

This graph shows an enlarged view of the orange EN ISO 20471 colour range. The colour co-ordinates marked on the graph are a reading from our fluorescent orange fabric. This reading is taken using the Minolta Spectrophotometer.



### EN343



#### EN 343 - Protective Clothing, Protection Against Rain

EN 343 is the harmonised European standard that applies to garments worn in adverse weather conditions. It specifies the characteristics of protective clothing against the influence of foul weather, wind and cool above -5°C. The standard provides for two performance parameters:

X = Waterproofness (3 levels)

Y = Breathable properties (3 levels)



#### RIS-3279-TOM

RIS-3279-TOM Issue 1 has replaced GO/RT 3279. Railway Industry Standard (RIS) sets out the minimum specification for high visibility warning clothing in the Rail Industry.

### EN 510



#### EN 510 - Protective Clothing for use where there is a Risk Of Entanglement from Moving Parts

This standard specifies the properties of protective clothing that minimise the risk of its entanglement or drawing-in by moving parts when the wearer is working on or near hazardous moving machines or devices.

### EN1150



#### EN 1150 - Visibility Protective Clothing for non-professional use

This European standard specifies the optical performance requirements for high visibility clothing to be worn by adults and by juveniles, and designed for non-professional use.



#### Oeko-Tex

High Visibility fabrics tested to the Oeko Tex standard guaranteeing fabric does not contain any harmful substances detrimental to human health.

#### EN 13356 - Visibility Accessories for Non Professional Use

This standard specifies the optical performance requirements for accessories which are to be worn, attached to or carried by people and designed for non-professional use. Visibility accessories complying with this standard are intended to signal the users presence visually when illuminated by vehicle headlight on dark roads.

#### ISO 13688 - Protective Clothing - General Requirements

This international standard specifies general requirements and recommendations for ergonomics, ageing, sizing and marking of protective clothing, and for information supplied by the manufacturer.

Every certified garment in this brochure is also certified to ISO 13688. This standard replaces the old EN340 standard.

#### EN 14058 - Protective Clothing- Garments For Protection Against Cool Environments

This standard specifies requirements and test methods for the performance of single garments for protection against cooling of the body in cool environments. Cool environments are as a result of a combination of humidity and wind at temperatures of -5°C and above.

At moderate low temperatures garments against local body cooling are not only used for outdoor activities but can be used for indoor activities. In these cases garments often do not need to be made of watertight or air impermeable materials. Therefore, these requirements are optional for this standard.



### EN342



#### EN 342 Protective Clothing - Ensembles and Garments for Protection Against Cold

##### EN 342 - PROTECTION AGAINST COLD

EN 342 is the harmonised European standard that specifies requirements and test methods for performance of clothing ensembles (ie. two piece suits or coveralls) and of single garments for protection against cold environments.

Garments are tested under the following performance parameters as shown on the pictogram below:

##### Thermal insulation

This is tested on a moving manikin. The unit of measurement is Icler and is stated in m2. It measures the amount of energy per square metre required to maintain warmth - the higher the number, the better the rating. X indicates the Thermal Insulation test on a stationary manikin and is not a compulsory part of the standard. The unit of measurement is Icle and is stated in m2.

##### Air Permeability

Air Permeability measures the ease with which the air can pass through the material. It is a measure of how wind proof the garment is and again the higher the number the better the result. The air permeability on the example below achieves a Class 3.

##### Resistance to Water Penetration

The final result is Resistance to Water penetration, which achieves a Class 2 below. This is an optional test.

Results shown below are for S485 Hi-Vis Contrast Coverall.



0.420m <sup>2</sup> .K/W(B)	(Thermal Insulation)
X	(Thermal Insulation on mannequin)
3	(Air Permeability)
2	(Water Penetration Resistance)



# Styles Certified to EN 342 Protection Against Cold to -40°C



## Multi Way Jackets



## Bomber Jackets



## Coveralls



## Traffic Jackets



## Bib and Brace



# Styles Conforming to EN 14058 Protection against Cool Environments to -5°C



## Fleeces Class 1



## Fleeces Class 2



**RIS****3279**

# The Rail Industry Standard Range has over 100+ styles

Meeting the stringent requirements in both design and construction, these styles comply with the latest RIS 3279-TOM Standard. See our full range of RIS and High Visibility styles from page 23

## Rainwear Jackets (EN343)



RT27 45



RT34 48



RT60 50



S590 41



S468 54



RT30 56



RT63 51



S460 56



LW70 278



S360 278



S469 69



RT62 50



S463 66



C467 62



RT32 67



S591 42

## Rainwear Trousers (EN343)



S487 51



S388 49



S480 70



S597 43



RT31 71



S592 43



RT61 48

## Workwear



RT44 94



RT48 93



RT42 90



RT43 90



RT40 94



RT45 93



RT46 92



LW71 279



E041 93



RT49 92



RT47 92

## Fleeces and Softshell



S424 97



S428 97



F300 95

## Sweatshirt



B303 98



B305 99



B304 99

## Polo & T-Shirts



## High Visibility Vests



## Flame Resistant



**The Best Selling  
RIS Range in the  
Industry**

**All Styles Marked Green are New Styles**

RIS-3279-TOM Issue 1 has replaced GO/RT 3279. Railway Industry Standard (RIS) sets out the minimum specification for high visibility warning clothing in the Rail Industry.





# THE FUTURE OF WORKWEAR IS HERE



Portwest PW3™ contemporary workwear blends sports and lifestyle trends with function, a modern fit and improved comfort. Utilising premium fabrics, products are engineered for flexibility across a diverse range of industry and trade end uses and offer exceptional value.

**FREE**  
FREE PAIR OF  
KNEEPADS  
INCLUDED WITH  
PW3 TROUSERS

S156 566r



*Ezee Zip™ is a brand new, highly innovative zip technology available exclusively from Portwest. It brings to the market the first major innovation in zip fastening technology for a century. Ideal for left or right handed users, Ezee Zip is easy to work and securely fasten. Constructed using the highest quality components and engineering, Ezee Zip guarantees no more fraying or broken zips.*



**EZE ZIP™**



*Texpel™ Splash is an extremely water resistant fabric finish which ensures water beads up and rolls off the fabric surface. This premium finish also repels dirt and helps prevent stains to keep your garment looking cleaner for longer.*

**HiVisTex™ PRO**

*HiVisTex™ Pro retro reflective tape offers excellent freedom of movement due to its segmented construction. Lightweight and flexible this high performance heat applied tape has thousands of glass beads per centimetre squared which work like thousands of tiny mirrors reflecting light back towards its source.*

PW3, EZE ZIP, TEXPEL and HiVisTex are trademarks of Portwest.

# PWB<sup>TM</sup>

RAIN JACKET

PW55 542

PA91 547

T400

A120 469

T601 29

FT15 375





# RAIN JACKET

ENGINEERED FOR  
ENDURANCE

INNOVATIVE  
WORKWEAR



**EZEE ZIP**

## T400 Vision Hi-Vis Rain Jacket

EN ISO 20471 CLASS 3  
EN 343 CLASS 3:1  
RIS-3279-TOM ISSUE 1 (ORANGE ONLY)  
ANSI/ISEA 107-2015 TYPE R CLASS 3



The stylish and functional Vision Rain Jacket will ensure you stand out from the crowd. Made from our renowned 300D Oxford PU coated durable stain resistant fabric, this jacket includes many outstanding features including the new Insulatex heat reflective lining panel, which reflects heat back into the body ensuring maximum warmth and comfort, multiple zipped pockets for secure storage, EZEE zip technology, contemporary design and modern fit.



- 100% Polyester, 300D Oxford Weave with a stain resistant finish, PU Coated 190g
- 100% Polyester 60g
- 100% Polyester Wadding 170g
- Orange/Black, Yellow/Black S-3XL

\*Registered European Community Design

## Insulatex Heat Reflective Lining

Insulatex heat reflective lining reflects heat back into the body ensuring maximum warmth and comfort



**PWB**™  
SOFTSHELL

PV50 541

T402

T602 31

# PW3™

## SOFTSHELL



**ADVANCED TRIPLE  
DRY MEMBRANE  
TECHNOLOGY (3L)**

**DYNAMIC FIT FOR  
ACTIVE USE**

HiVisTex Pro  
reflective tape

**NEW**

Reflective  
piping

Concealed  
mobile phone  
pocket



Side zip  
pockets

Curved back hem

Ezee Zip

**EZEE ZIP**

Drawcord adjustable hem



### Triple Layer System

High visibility 3 layer softshell fabric is made from a 94% polyester /6% elastane outer layer, laminated to a TPU membrane, and bonded with a 100% polyester micro polar fleece inner layer. The outer layer is windproof, the mid layer provides water resistance while the inner layer adds warmth in cold temperatures yet offers excellent breathability.

### T402 Vision Hi-Vis Softshell Jacket

EN ISO 20471 CLASS 3  
RIS-3279-TOM ISSUE 1 (ORANGE ONLY)  
ANSI/ISEA 107-2015 TYPE R CLASS 3



The Vision Softshell is characterised by its modern, fresh design and contemporary stylish fit. The high quality 3-layer breathable, water resistant and windproof fabric along with multiple practical features ensure this is a must-have solution for a range of working professionals. HiVisTex Pro reflective tape is guaranteed to make the wearer stand out from the crowd.



94% Polyester, 6% Elastane, 160g laminated to 100% Polyester Micro Polar Fleece 150g  
Total weight 310g

Orange/Black, Yellow/Black S-3XL

\*Registered European Community Design

**CONTEMPORARY AND ERGONOMIC**



**WORKWEAR**



**FREE**

FREE PAIR OF KNEEPADS INCLUDED WITH PW3 TROUSERS

**T501 Vision Hi-Vis Trousers**



EN ISO 20471 CLASS 2  
RIS-3279-TOM ISSUE 1 (ORANGE ONLY)  
ANSI/ISEA 107-2015 SUPPLEMENTAL CLASS E  
EN 14404:2004+A1:2010 TYPE 2  
LEVEL 0 (WHEN USED IN COMBINATION WITH S156)

A thoughtfully designed, innovative hi-vis trouser featuring multi-functional holster pockets, top loading kneepad pockets and an easy access multiway thigh pocket for secure storage of phone, keys and tools. Oxford fabric reinforcement at key abrasion points and triple stitching throughout guarantees maximum durability.

**Kingsmill: 65% Polyester, 35% Cotton 300g**

**100% Polyester Oxford 600D 210g**

**Orange/Black, Yellow/Black 30"-42"**  
**Regular leg 31" or 79cm adjustable to Tall 33" or 84cm**

*\*Registered European Community Design*

Reflective tape



Side elastic waist

**EZE ZIP** Ezee Zip

Hook and loop adjustable cuffs

**T500 Vision Hi-Vis Jacket**



EN ISO 20471 CLASS 3  
RIS-3279-TOM ISSUE 1 (ORANGE ONLY)  
ANSI/ISEA 107-2015 TYPE R CLASS 3

Featuring the latest innovative design, this contemporary two tone hi-vis jacket is both stylish and practical. The top pocket can accommodate modern smart phone dimensions and the spacious lower pockets are zipped for extra security. Outstanding features include reflective trim, HiVisTex Pro reflective tape, hook and loop adjustable cuffs and reinforced twin stitched seams.

**Kingsmill: 65% Polyester, 35% Cotton 300g**

**Orange/Black, Yellow/Black S-3XL**

*\*Registered European Community Design*

Concealed drop down ID holder on holster pocket

Smart phone pocket

Double rule pocket

Top-loading knee pad pockets

Contrast panels



Two back patch pockets

Reflective piping

Adjustable hem to accommodate all leg lengths



# LEISUREWEAR



## T180 Hi-Vis Vision Polo Shirt

EN ISO 20471 CLASS 2  
RIS-3279-TOM ISSUE 1 (ORANGE ONLY)  
ANSI/ISEA 107-2015 TYPE R CLASS 2



Constructed from premium breathable Cotton Comfort fabric combined with HiVisTex Pro tape, this polo shirt offers excellent comfort and movement. It features a loop at the placket ideal for attaching glasses/pens.

55% Cotton, 45% Polyester, Knit 175g  
Orange, Yellow S-3XL

\*Registered European Community Design

### POLO SHIRT OPTION

Contrast collar with fluorescent stripe



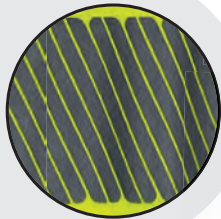
Loop at placket ideal for attaching glasses/pens



## FRESH DYNAMIC DESIGNS

### HiVisTex™ PRO

Lightweight flexible HiVisTex Pro segmented reflective tape for increased visibility



## T181 Hi-Vis Vision T-Shirt

EN ISO 20471 CLASS 2  
RIS-3279-TOM ISSUE 1 (ORANGE ONLY)  
ANSI/ISEA 107-2015 TYPE R CLASS 2



Constructed using premium HiVisTex Pro tape, this Cotton Comfort t-shirt offers excellent freedom of movement due to its segmented tape design. Lightweight, stylish and breathable, this t-shirt is the perfect choice.

55% Cotton, 45% Polyester, Knit 175g  
Orange, Yellow S-3XL

\*Registered European Community Design

### T-SHIRT OPTION



## COMFORTABLE, BREATHABLE FABRIC



B153 342

T601

FW17 388



# FREE

FREE PAIR OF KNEEPADS INCLUDED WITH PW3 TROUSERS

### T601 Urban Work Trousers

EN 14404:2004+A1:2010 TYPE 2  
LEVEL 0 (WHEN USED IN COMBINATION WITH S156)



The Urban Trousers with its smooth lines and stylish cut offers superb working comfort. It offers an impressive range of pockets including double rule pocket and pre-shaped, top loading knee pad pockets. Premium features incorporate crotch gusset, hammer loop and reinforced panels for extra durability. With adjustable leg length for added convenience the Urban Trousers is the smart choice for the modern workplace.

**Kingsmill: 65% Polyester, 35% Cotton 300g**

**100% Polyester 600D Fabric 210g**

**Black, Zoom Grey/Black 30"-42"**  
Regular leg 31" or 79cm adjustable to Tall 33" or 84cm

\*Registered European Community Design



Subtle contrast colour on main zip for superior styling

### T603 Urban Work Jacket



This modern cut stylish work jacket with its smooth lines and subtle two-tone paneling co-ordinates with all trousers in the PW3 range. Premium polycotton fabric provides durability and ultimate wearer comfort. Packed with functionality including Ezee zips, pre-shaped elbows, reflective trim detail and multiple pockets. Hook and loop cuff adjustment and side elastication ensure a comfortable fit.

**Kingsmill: 65% Polyester, 35% Cotton 300g**

**Black/Zoom Grey S-3XL**

\*Registered European Community Design

## IDEAL FOR ALL CRAFTSMEN



B195 354

B153 342

A120 469

T602

FW17 388



### PW3 Flex Shell

Portwest PW3 Flex Shell fabric is the latest evolution of soft-shell fabrics to deliver maximum performance and protection from the weather. This highly durable 3-layer laminate fabric is water repellent, windproof with a stretch finish incredible suppleness offers outstanding user comfort. With low weight to high warmth ratios soft mesh inner face feels dry and comfortable next to the skin during extended periods of wear.

#### T602 Urban Work Holster Trousers

EN 14404:2004+A1:2010 TYPE 2  
LEVEL 0 (WHEN USED IN COMBINATION WITH S156)



Rugged trouser made from Kingsmill polyester/cotton 300g fabric with a modern fit and adjustable leg length. Packed full of features to offer superb function and performance including; top loading pre-shaped knee pad pockets, triple stitched seams, crotch gusset to reduce stress and prevent seam failure and a side leg cargo pocket. Pockets have oxford reinforcement for extra durability.

- Kingsmill: 65% Polyester, 35% Cotton 300g
  - 100% Polyester Oxford 600D 210g
  - Black, Zoom Grey/Black 30"-42"  
Regular leg 31" or 79cm adjustable to Tall 33" or 84cm
- \*Registered European Community Design



Reversed zipper



Reflective trim



**EZE ZIP**

Subtle contrast colour on main zip for superior styling

#### T620 Flex Shell Jacket



Stylish work jacket made from our dynamic Flex Shell fabric. This style offers excellent performance with incredible comfort. A sleek minimal design, longer length back, ergonomically shaped sleeve, quick dry cuffs, low profile zips and reflective trims ensure a contemporary look. Three generously sized external pockets provide ample storage.



- 100% Polyester laminated to 100% Polyester Mesh 185g
  - Black S-3XL, Black/Zoom Grey S-3XL
- \*Registered European Community Design

**FREE**

FREE PAIR OF KNEEPADS INCLUDED WITH PW3 TROUSERS



PW2 is a trademark of Portwest.

**Portwest PW2™** has been designed to meet the increasing demands of a new generation of working professionals. By using a combination of innovative fabrics coupled with a multitude of clever design features, these contemporary styles aim to meet the multi-functional requirements necessary in today's demanding workplace. The contrast yellow/black colour combination ensures maximum protection against dirt.

### Fabric Information

These garments are made from a premium, heavyweight 300g polyester/cotton fabric combined with a high tensile polyester for reinforcement in the high wear areas. The bright fluorescent yellow fabric combined with the retro reflective stripes offer the highest possible visibility in poor light or adverse weather conditions. All fabrics meet the most up to date EN ISO 20471 European standard.



Dual ID holder

Phone pocket

Shoulder reflective tape for maximum visibility

Radio loop

Dual ID holder

Security zipped pocket

Multi function holster pockets

Reflective tape twin stitched for extra toughness

Pocket with concealed stud

#### KS60 Xenon Jacket EN ISO 20471 CLASS 3



Constructed from a premium, heavyweight polyester/cotton fabric, this Portwest jacket combines contemporary design with a multitude of features. The jacket has been designed with twin stitched seams, Dual ID window, adjustable waistband for support when bending and lifting and elasticised cuff fastening for comfort.

65% Polyester,  
35% Cotton 300g  
 Yellow S-3XL



#### KS63 Xenon Toolvest EN ISO 20471 CLASS 2



The multi-pocket toolvest combines modern design with highly durable EN ISO 20471 certified fluorescent fabric. The toolvest is crammed with features including twin stitched seams, Dual ID holder, holster pockets and waist belt for comfortable fit and support when bending and stretching. Multiple pockets offer secure storage.

65% Polyester,  
35% Cotton 245g  
 Yellow M-XXL



## High Tensile Polyester Reinforcement in High Wear Areas

Triple-stitched seams

Robust buckle fastener

Back patch pocket

Rule pocket

Deep bib pocket for secure storage

Half elasticated waist

Rule pocket

Two back patch pockets

Elasticated back waist

Phone pocket

Cargo pockets on side leg

Knee pad pockets

Adjustable leg length

4XL

Adjustable leg length

4XL

### KS61 Xenon Trousers

EN ISO 20471 CLASS 1



65% Polyester, 35% Cotton 300g  
100% Polyester Oxford 600D 210g  
Yellow/Black S-4XL  
Tall: 33" or 84cm adjustable to X-Tall :  
36" or 92cm



### KS62 Xenon Bib & Brace

EN ISO 20471 CLASS 2



65% Polyester, 35% Cotton 300g  
100% Polyester Oxford 600D 210g  
Yellow/Black S-4XL  
Tall: 33" or 84cm adjustable to X-Tall :  
36" or 92cm



KS61

### 3 Ways to Wear



**2** Outer jacket

Detachable zip sweatshirt - can be worn separately or with main jacket

**3** Inner Garment

Back of jacket



**1** Outer jacket with inner sweatshirt

Hook and loop adjustable cuffs

### S365 Hi-Vis Premium 3-in-1 Bomber



EN ISO 20471 CLASS 3  
EN 343 CLASS 3:1

ANSI/ISEA 107-2015 TYPE R CLASS 3

ANSI/ISEA  
107  
TYPE R  
CLASS 3

A contemporary 3-in-1 bomber jacket packed full of clever features including a smart phone chest pocket, radio loops and a contrast lower panel for protection against dirt. Incorporating a detachable zip sweater, this jacket is adaptable to all weather conditions. This garment is fully waterproof and features a drawstring pack away hood, 7 pockets, adjustable cuffs and a two-way zip front for easy access.

100% Polyester, 300D Oxford Weave with a stain resistant finish, PU Coated 190g

Inner Garment: 100% Polyester 300g

100% Polyester 60g

Yellow/Black S-5XL

5XL

TEXPEL  
SPLASH

## 2 Ways to Wear



**2** Outer jacket with inner jacket



Detachable fleece



Back of jacket



**1** Outer jacket

Pack away hood

Radio loops

**NEW**

Phone pocket

Internal chest pocket

Sleeve pocket

Hook and loop adjustable cuffs

Half elasticated waist

### S364 Hi-Vis Premium 2-in-1 Bomber



EN ISO 20471 CLASS 3  
EN 343 CLASS 3:1  
ANSI/ISEA 107-2015 TYPE R CLASS 3

ANSI/ISEA 107 TYPE R CLASS 3

This contemporary two-tone 2-in-1 jacket offers great versatility and is adaptable to all weather conditions. The garment has a zip out fleece lining with fleece sleeves and an elasticated waistband for maximum warmth and comfort. Numerous outer and interior pockets afford excellent personal security. The contrast lower black panel ensures that the garment stays clean for longer.

100% Polyester, 300D Oxford Weave with a stain resistant finish, PU Coated 190g  
100% Polyester 60g  
100% Polyester Fleece 280g  
Yellow/Black S-5XL

**5XL**

TEXPEL™ SPLASH

## Contemporary Design-Full Waterproof Protection



S462

KS61 33

Concealed phone pocket

Storm flap front  
Pack away hood

Internal chest pocket



Hook and loop adjustable cuffs

Deep storage pockets

Two-way zipper

### S462 Hi-Vis Classic Two Tone Jacket

EN ISO 20471 CLASS 3  
EN 343 CLASS 3:1



This winning style combines a modern look with a quality finish. Designed to keep you warm and dry, this item provides maximum visibility and is suitable for all weather conditions. Features include a mobile phone pocket and fold away hood.

100% Polyester, 300D Oxford Weave with a stain resistant finish, PU Coated 190g

100% Polyester 60g  
100% Polyester 170g  
Yellow/Black S-3XL



**Superior  
Waterproof  
Technology**

**PADDED**

Pack away hood

**NEW**



Half elasticated waist

Two - way zip

Radio loops

Internal pocket

Phone pocket

**S363**

Contrast panels

Inner ribbed cuffs

**S363 Hi-Vis Essential Bomber Jacket**

EN ISO 20471 CLASS 3  
EN 343 CLASS 3:1  
ANSI/ISEA 107-2015 TYPE R CLASS 3

ANSI/ISEA  
107  
TYPE R  
CLASS 3



Designed for comfort and performance, this classic bomber jacket is suitable for a wide range of end uses. A quilt lining, together with expertly taped waterproof seams, ensure the wearer is kept warm and dry. Practical features include a concealed drawstring hood, smart phone pocket, internal pocket, radio loops and a contrast lower black panel for protection against dirt.

- 100% Polyester, 300D Oxford Weave with a stain resistant finish, PU Coated 190g
- 100% Polyester 60g
- 100% Polyester 170g
- Yellow/Black S-5XL

**5XL**

**TEXPEL™**  
SPLASH



Back of jacket





Contrast panels

## Advanced Triple Layer Technology

### S429 Two Tone Softshell Jacket (3L) EN ISO 20471 CLASS 3



This style is designed for ultimate visibility with a contemporary contrast look. Offering waterproof zip pockets and storm flap closure for enhanced protection. Lightweight, comfortable and durable this jacket is ideal for all types of environments.

94% Polyester, 6% Elastane, 160g laminated to 100% Polyester Micro Polar Fleece 150g  
Total weight: 310g  
Yellow S-3XL



Hook and loop adjustable cuffs

Micro polar fleece lined and bonded with shell



## Superior Brushed Easy Care Fabric

### B315 Hi-Vis Two-Tone Zipped Hoodie

EN ISO 20471 CLASS 2 SIZES S & M  
EN ISO 20471 CLASS 3 SIZE L UPWARDS  
ANSI/ISEA 107-2015 TYPE R CLASS 2 SIZE S & M  
ANSI/ISEA 107-2015 TYPE R CLASS 3 SIZE L UPWARDS\*



This hoodie uses a full zip to offer extra ease and versatility, while incorporating a two tone design for protection against dirt. Other features include 2 large pockets at the front, an adjustable hood for varied weather conditions, elasticated rib waistband and cuffs, and reflective heat seal tape for enhanced visibility.

65% Polyester, 35% Cotton 300g  
Yellow/Black S-5XL





11 More Styles Available in Contemporary Yellow/Black



*Parka Jacket*



S466 59

*Bomber Jacket*



C465 63

*Sweatshirt*



B308 98



H443 75



C466 64

*Vest*



C476 109

*5-in-1 Jacket*



S768 53



PJ50 88

*Trouser*



S486 70

H444 75



S488 49



C466 64

2

HI-VIS  
AND  
BLACK

KS61 33

Over 100 Years of Workwear Innovation

# EXTREME WATERPROOF, BREATHABLE AND WINDPROOF PERFORMANCE

HOW PWR FABRIC TECHNOLOGY WORKS:



- 1 DURABLE WATER REPELLENT TREATED OUTER FABRIC
- 2 WATERPROOF AND BREATHABLE COATING OR MEMBRANE
- 3 BREATHABLE INNER FABRIC OR LINING



**PORTWEST PWR High Visibility** series is constructed from state-of-the-art high performance waterproof and breathable textiles. Using innovative technology, the base fabric has been engineered to provide a technical barrier against the elements providing the maximum waterproof, breathable and windproof protection which far exceeds the current highest Class 3:3 requirements for EN 343. In addition the microporous fabric delivers exceptional stretch characteristics ensuring outstanding flexibility for the wearer. The exterior fabric surface is treated with a Texpel finish to protect against water and oil stains.



**WATERPROOF**  
over 11,000mm

## EXTREME WATERPROOFNESS

**PWR achieves over 11,000mm hydrostatic head, equivalent to over 11 metres of water column.**

(EN 20811:1992, ISO 811:1981 Determination of resistance to water penetration. Hydrostatic pressure test).



**HIGH PERFORMANCE**

**EN 14360 Protective Clothing – Test method for ready-made garments – Impact from above with high energy droplets.**

Garments are placed over data sensitive recording manikins and exposed to rainfall simulation of 450 litres/m<sup>2</sup>/h for a minimum of one hour. All garments within the PWR series far surpass the widely recognised level.



**BREATHABILITY**  
over 50,000g/m<sup>2</sup>/24hrs

## WORK HARD IN COMFORT

The higher the g/m<sup>2</sup>/24 hours the more breathable the fabric is. (JIS L1099:2012 Method B1 Water vapour permeability). PWR achieves the highest rated breathability levels.



**DURABLE**  
12 x stronger than standard

## HIGH TENSILE STRENGTH

PWR exceeds the recognised standard requirement of 100N warp and weft EN ISO 20471:2013.



**PWR**

**11,000mm**

**EXCEPTIONAL WATERPROOF PERFORMANCE**

**NORMAL WATERPROOF**

S590 / S591  
S592 / S597

**PWR**

**50,000g/m<sup>2</sup> /24hrs**

**EXCEPTIONAL BREATHABLE PERFORMANCE**

**NORMAL BREATHABLE**

S590 / S591  
S592 / S597



**NEW**

Double storm flap

Hook and loop adjustable cuffs

Two-way zip for quick and easy access

Lower front pockets with hook and loop closure

Anti-wicking strip at hem



# PREMIUM EXTREME RAINWEAR



## S590 Extreme Parka Jacket

EN ISO 20471 CLASS 3  
RIS-3279-TOM ISSUE 1 (ORANGE ONLY)  
EN 343 CLASS 3:3

Complies to RIS 3279-TOM  
Railway Industry Standard



This premium jacket offers superb comfort in all weathers and is engineered for maximum performance. Waterproof and breathable to the highest standards, this jacket boasts a multitude of features including six pockets for convenient storage and a full length superior 2-way zip fastening. An interactive zipper allows the insertion of a fleece jacket for additional insulation if required.

- Portwest PWR 100% Polyester, 300D Stretch Oxford, with a stain resistant finish, PU Coated 200g
- 100% Polyester Mesh 60g
- Sleeve: 100% Polyester Taffeta 190T 50gm
- Orange, Yellow S-3XL



F300 95

Can wear with Interactive Fleece F300 (Sold Separately)



**NEW**

Double storm flap  
Internal pockets

Reflective piping

Hook and loop adjustable cuffs

Elasticated hem

**S591 Extreme Bomber Jacket**

Complies to RIS 3279-TOM  
Railway Industry Standard



EN ISO 20471 CLASS 3  
RIS-3279-TOM ISSUE 1 (ORANGE ONLY)  
EN 343 CLASS 3:3

This shorter length jacket sits comfortably on the hips to give excellent ease of movement whilst retaining heat and keeping wind and rain out. The internal zip secure pockets and large lower storage pockets allow gloves and hoods to be stowed securely when not in use.

Portwest PWR 100% Polyester, 300D Stretch Oxford, with a stain resistant finish, PU Coated 200g  
100% Polyester Mesh 60g  
Sleeve 100% Polyester Taffeta 190T 50gm  
Orange, Yellow S-3XL



**SUPERIOR  
WATERPROOF  
& BREATHABLE  
TECHNOLOGY**





**NEW**

## UNIVERSAL FULL FACE HOOD

**S592 Extreme Hood**  
EN 343 CLASS 3:3

96  
12



A universally fitting full face storm hood which provides maximum protection in adverse weather conditions. The wrap round face guard and drawcord adjustment will keep the elements out. This hood attaches to all jackets within the Portwest PWR range.

- Portwest PWR, 100% Polyester, 300D Stretch Oxford, with a stain resistant finish, PU Coated 200g
- 100% Polyester Taffetta 190T 50g
- Yellow, Orange One Size

**TEXPEL**  
SPLASH OIL\*STAIN

## FULL PROTECTION FROM THE ELEMENTS

**S591** 42

**NEW**

Side access pockets  
Reflective piping  
Cargo pockets on side leg

**S597 Extreme Trousers**

EN ISO 20471 CLASS 2  
EN 343 CLASS 3:3  
RIS-3279-TOM ISSUE 1  
(ORANGE ONLY)

Waterproof, windproof and breathable, this trouser features an elasticated waistband and inner drawcord adjustment for a comfortable fit. Undergarments can be easily accessed through side access pockets. Zip fastening at the side leg allows for easy fitting over work boots.

- Portwest PWR, 100% Polyester, 300D Stretch Oxford, with a stain resistant finish, PU Coated 200g
- Yellow, Orange S-3XL

**RIS**  
3279

**S597**

**TEXPEL**  
SPLASH OIL\*STAIN



# 7X1 BREATHABLE JACKET

7x1

EN 342

## Fabric Information

Made with 300 Denier 100% polyester yarn, this is a tough fabric for tough conditions. 300D fabric has superb abrasion and tear resistance. The polyurethane (PU) coating on the inside makes the fabric durable and waterproof, and the outer has a water and stain repellent coating which helps keep the garment clean.

## Garment Benefits

Standard features of the garments in this range include fully waterproof taped seams throughout, anti-wicking fabric at hems and cuffs, mobile phone pockets designed to fit a smart phone, high quality zips and strong metal press fasteners, concealed hood under collar, knitted cuffs in sleeves.



2 Outer jacket with inner jacket



3 Outer jacket with sleeveless inner jacket



4 Inner jacket with sleeves



5 Inner jacket reversed



6 Bodywarmer reverse



7 Bodywarmer

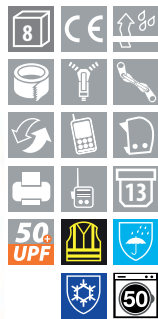
Mesh Lined For Maximum Breathability



### S427 Hi-Vis 7-in-1 Traffic Jacket

EN ISO 20471 CLASS 3  
EN 343 CLASS 3:3  
EN 342 0.416M<sup>2</sup>.K/W (B), X,2,2  
ANSI/ISEA 107-2015 TYPE R CLASS 3  
AS/NZS 4602.1:2011 CLASS D/N

ANSI/ISEA 107 TYPE R CLASS 3



100% Polyester, 300D Oxford Weave, PU Coated, Breathable, Stain-Resistant Finish 190g  
Outer Jacket: 100% Polyester Mesh 60g  
Inner Jacket: 65% Polyester, 35% Cotton 70g  
Inner Jacket: 100% Polyester 160g  
Yellow XS-5XL

EN343 CLASS 3:3 CERTIFIED

TEXPEL SPLASH

5XL XS

7x1

EN 342

# Fantastic Jacket- Seven Ways to Wear



1 Outer jacket

2 Outer jacket with inner jacket



3 Outer jacket with sleeveless inner jacket



4 Inner jacket with sleeves



5 Inner jacket reversed



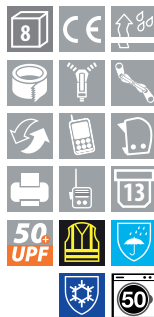
6 Bodywarmer reverse



7 Bodywarmer



## RT27 Hi-Vis 7-in-1 Traffic Jacket RIS



EN ISO 20471 CLASS 3  
RIS-3279-TOM ISSUE 1 (ORANGE ONLY)  
GO/RT 3279 ISSUE 8  
EN 343 CLASS 3:3  
EN 342 0.416M<sup>2</sup>.K/W (B), X,2,2  
ANSI/ISEA 107-2015 TYPE R CLASS 3



This highly innovative 7 in 1 jacket is adaptable for any situation. Waterproof and breathable to the highest EN Standards, the jacket has multiple features and benefits such as ample storage space, a concealed hood and a fleece lined collar.

100% Breathable Polyester, Oxford Weave, Stain-Resistant Finish 190g  
Outer Jacket: 100% Polyester Mesh 60g  
Inner Jacket: 65% Polyester, 35% Cotton 70g  
Inner Jacket: 100% Polyester 160g  
Orange XS-4XL



# 7X1 BREATHABLE JACKET

7x1

EN 342

Concealed detachable hood

Fleece lined collar



2 Outer jacket with inner jacket



3 Outer jacket with sleeveless inner jacket



4 Inner jacket with sleeves



5 Inner jacket reversed



6 Bodywarmer reverse



6 Bodywarmer



1 Outer jacket

Print access

S426

## Hi-Vis 7-in-1 Contrast Traffic Jacket

EN ISO 20471 CLASS 3

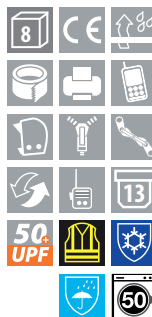
EN 343 CLASS 3:3

EN 342 0.416M<sup>2</sup>.K/W (B), X,2,2

RIS-3279-TOM ISSUE 1 (ORANGE ONLY)

GO/RT 3279 ISSUE 8 (ORANGE ONLY)

AS/NZS 4602.1:2011 CLASS D/N



A highly innovative and functional jacket that offers seven wearer combinations. This versatile jacket is highly adaptable to all weather conditions and is certified to the highest in waterproof and breathable standards. Features include fleece lined collar for optimum warmth and comfort, radio loop, D-ring, ID holder, multiple pockets for ample storage, reflective piping, detachable hood for easy storing and print access for corporate branding.

100% Polyester, 300D Oxford Weave with a stain resistant finish, PU Coated 190g  
 Outer Jacket: 100% Polyester Mesh 60g  
 Inner Jacket: 65% Polyester, 35% Cotton 70g  
 Inner Jacket: 100% Polyester 160g  
 Orange/Navy, Yellow/Navy S-4XL





## BREATHABLE JACKET

**300D**  
OXFORD WEAVE  
BREATHABLE

## Mesh Lined For Maximum Breathability



Radio loop

ID pocket can be visible or concealed

Fleece lined collar

S760

Drawcord adjustable waist

Print access

### S760 Hi-Vis 2-Tone Breathable Jacket

EN ISO 20471 CLASS 2  
EN 343 CLASS 3:2



100% Polyester, 300D Oxford Weave, PU Coated, Breathable, Stain-Resistant Finish 190g  
Body: 100% Polyester Mesh 60g  
Sleeve: 100% Polyester 60g  
Yellow/Navy XS-4XL  
Orange/Navy S-XXL



## Four Ways to Wear



Detachable sleeves

### S769 Hi-Vis 2-Tone Jacket - Reversible

EN ISO 20471 CLASS 1



This cleverly designed versatile garment is ideal and practical for any situation. Detachable, quilted sleeves turn the garment into a bodywarmer when removed and multiple pockets offer ample storage space.

100% Polyester, 300D Oxford Weave, PU Coated, Breathable, Stain-Resistant Finish 190g  
Body: 100% Polyester Peach finish 100g  
Sleeve: 100% Polyester 60g  
Body: 100% Polyester 160g  
Sleeve: 100% Polyester 80g  
Yellow/Navy XS-4XL, Orange/Navy S-XXL



Reversible garment



1 With sleeves

2 Without sleeves

3 Reverse with sleeves

4 Reverse without sleeves

S769

Maximum Outdoor Protection

BREATHABLE FABRIC STYLE

PADDED



EN343  
CLASS 3:3  
CERTIFIED

Concealed phone pocket

S461

Pack away hood

Concealed detachable hood

Internal chest pocket

## Highest Performing Breathable Styles

### RT61 Hi-Vis Breathable Trousers

EN ISO 20471 CLASS 2  
RIS-3279-TOM ISSUE 1 (ORANGE ONLY)  
GO/RT 3279 ISSUE 8  
EN 343 CLASS 3:3



100% Polyester, 300D Oxford Weave, PU Coated, Breathable, Stain-Resistant Finish 190g  
Orange XS-5XL



Fully elasticated waistband

Side access

RT34



RT34

### Hi-Vis Breathable Jacket RIS

EN ISO 20471 CLASS 3  
RIS-3279-TOM ISSUE 1 (ORANGE ONLY)  
GO/RT 3279 ISSUE 8  
EN 343 CLASS 3:2  
EN 342 0.503M<sup>2</sup> K/W(B), X, 3, 2



S461

### Hi-Vis Breathable Jacket

EN ISO 20471 CLASS 3  
EN 343 CLASS 3:2  
EN 342 0.503M<sup>2</sup> K/W(B), X, 3, 2

RT34 - Concealed detachable hood

100% Polyester, 300D Oxford Weave, PU Coated, Breathable, Stain-Resistant Finish 190g

100% Polyester 60g  
100% Polyester 170g

RT34: Orange S-XXL  
S461: Yellow S-3XL

Inner ribbed cuffs

RT61

Zippered ankles

**BREATHABLE BIB & BRACE**

**EN343  
CLASS 3:3  
CERTIFIED**

**NEW  
COLOUR**

Adjustable straps

Multiple storage pockets

Phone pocket

Multiple storage pockets

Phone pocket

Adjustable side opening

Back patch pocket

Double rule pocket

Elasticated back panel

Back patch pocket

Double rule pocket

**Extreme  
Foul  
Weather  
Protection**

Stud adjustable hems

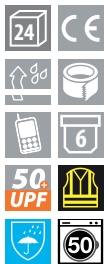
Yellow/Black

Orange/Navy

Yellow/Navy

**S388 Hi-Vis Bib & Brace - Unlined**

EN ISO 20471 CLASS 2  
RIS-3279-TOM ISSUE 1 (ORANGE ONLY)  
GO/RT 3279 ISSUE 8 (ORANGE ONLY)  
EN 343 CLASS 3:3



100% Polyester, 300D Oxford Weave, PU Coated,  
Breathable, Stain-Resistant Finish 190g  
Orange, Yellow S-3XL



**S488 Contrast Bib & Brace - Unlined**

EN ISO 20471 CLASS 2  
RIS-3279-TOM ISSUE 1 (ORANGE ONLY)  
GO/RT 3279 ISSUE 8 (ORANGE ONLY)  
EN 343 CLASS 3:3  
ANSI/ISEA 107-2015 SUPPLEMENTAL CLASS E



100% Polyester, 300D Oxford Weave, PU Coated,  
Breathable, Stain-Resistant Finish 190g  
Orange/Navy, Yellow/Black, Yellow/Navy S-3XL



# BREATHABLE JACKET



RAILWAY INDUSTRY SUPPLIER  
QUALIFICATION SCHEME

Railway Group Standard sets out the minimum specification for high visibility warning clothing in the Rail Industry.

### RT60 Hi-Vis Breathable Jacket

EN ISO 20471 CLASS 3  
RIS-3279-TOM ISSUE 1 (ORANGE ONLY)  
GO/RT 3279 ISSUE 8 (ORANGE ONLY)  
EN 343 CLASS 3:3



Premium lightweight jacket certified to the highest waterproof and breathable levels. The jacket offers unrivalled foul weather protection and wearer comfort. Hardwearing, functional and packed full of features including detachable concealed hood for easy storing, multiple pockets for ample storage, radio loop and mesh lined for optimum warmth and comfort.

100% Polyester, 300D Oxford Weave, PU Coated, Breathable, Stain-Resistant Finish 190g  
100% Polyester Mesh 60g  
Yellow S-3XL  
Orange S-3XL



RT60

Concealed detachable hood

Print access

### RT62 Hi-Vis Breathable Bomber Jacket

EN ISO 20471 CLASS 3  
RIS-3279-TOM ISSUE 1 (ORANGE ONLY)  
GO/RT 3279 ISSUE 8 (ORANGE ONLY)  
EN 343 CLASS 3:3



Lightweight and practical bomber jacket offering an unrivalled mixture of breathability, waterproof and windproof protection. Features include detachable concealed hood, print access, side collar, fleece lined collar and mesh lined body for optimum comfort.

100% Polyester, 300D Oxford Weave, PU Coated, Breathable, Stain-Resistant Finish 190g  
100% Polyester Mesh 60g  
Yellow S-3XL  
Orange S-3XL



Concealed phone pocket



50

RT62

Print access

## Outstanding Wear Resistance

# Superior Waterproof & Breathable Technology



Concealed detachable hood

Concealed mobile phone pocket

**NEW**

Hook and loop adjustable cuffs

**RT63**



Can wear with Interactive Fleece F300 (Sold Separately)

**F300 95**

## RT63 Hi-Vis Breathable Traffic Jacket (Interactive)



EN ISO 20471 CLASS 3  
RIS-3279-TOM ISSUE 1 (ORANGE ONLY)  
GO/RT 3279 ISSUE 8  
EN 343 CLASS 3:3



A high quality interactive shell jacket that can be teamed with our high visibility interactive fleece for extra insulation. Waterproof and breathable to the highest standards, this jacket has multiple features including a detachable hood, multiple pockets for ample storage and durable reflective tape for maximum visibility.

100% Polyester, 300D Oxford Weave, PU Coated, Breathable, Stain-Resistant Finish 190g  
100% Polyester Mesh 60g  
Orange S-3XL



Print access

## S487 Hi-Vis Breathable Trousers



EN ISO 20471 CLASS 1  
RIS-3279-TOM ISSUE 1 (ORANGE ONLY)  
GO/RT 3279 ISSUE 8 (ORANGE ONLY)  
EN 343 CLASS 3:3  
ANSI/ISEA 107-2015 SUPPLEMENTAL CLASS E

ANSI/ISEA 107 CLASS E



These breathable trousers have been designed using a waterproof and highly breathable fabric. The lower leg zips complete with plackets allow for quick and easy fitting.

100% Polyester, 300D Oxford Weave, PU Coated, Breathable, Stain-Resistant Finish 190g  
Yellow S-3XL  
Orange S-XXL



Fully elasticated waistband

Zipped ankles

**S487**

# Breathable Class 3:3



Extreme Breathability with Maximum Weather Protection



# 5 Ways to Wear this Garment

**NEW**

Pack away hood

Concealed mobile phone pocket



**2** Outer jacket with inner jacket



**3** Outer jacket with sleeveless inner jacket



**4** Inner jacket with sleeves



**5** Bodywarmer



**1** Outer jacket

Two-way zipper

Stud-adjustable cuffs

Waterproof with taped seams

**S766**

**Essential 5-in-1 Jacket**

EN ISO 20471 CLASS 3  
 RIS-3279-TOM ISSUE 1 (ORANGE ONLY)  
 EN 343 CLASS 3:1  
 EN 342 0.421M<sup>2</sup>.K/W (B), X, 3,2  
 ANSI/ISEA 107-2015 TYPE R CLASS 3



An adaptable, functional style offering excellent value for money. Outer jacket contains two useful large patch pockets with stud adjustable cuffs and a concealed adjustable hood, whilst the inner waterproof jacket has detachable fluorescent fleece sleeves, 2 spacious side pockets and has dark contrast panels for protection against dirt.

100% Polyester, 300D Oxford Weave with a stain resistant finish, PU Coated 190g  
 Outer Jacket: 100% Polyester Mesh 60g  
 Inner Jacket: 100% Polyester Fleece 280g  
 Yellow/Navy, Orange/Navy S - 3XL





**1** Outer jacket

Pack away hood

**4XL**  
**XS**

Yellow/Black

Red/Navy

Yellow/Grey

Orange/Navy

Yellow/Navy

**S768 Hi-Vis Executive 5-in-1 Jacket**

EN ISO 20471 CLASS 3  
EN 343 CLASS 3:1  
EN 342 0.421M<sup>2</sup>.K/W (B), X,3,2  
ANSI/ISEA 107-2015 TYPE R CLASS 3  
AS/NZS 4602.1:2011 CLASS D/N

ANSI/ISEA 107 TYPE R CLASS 3

An innovative style adaptable for multiple uses. Outer jacket contains two useful large patch pockets with hook and loop closures and a concealed hood, whilst the inner jacket has detachable fleece sleeves, 2 roomy side pockets and has full EN ISO 20471 Class 3 certification.

	Reg
Yellow/Black	S - 4XL
Red/Navy	S - 3XL
Yellow/Grey	S - 3XL
Orange/Navy	S - 4XL
Yellow/Navy	XS - 4XL



100% Polyester, 300D Oxford Weave with a stain resistant finish, PU Coated 190g  
Outer Jacket: 100% Polyester Mesh 60g  
Inner Jacket: 100% Polyester Fleece 280g  
Yellow/Black, Yellow/Grey, Orange/Navy, Yellow/Navy  
Red/Navy



**2** Outer jacket with sleeveless inner jacket



**3** Outer jacket with inner jacket



**4** Inner jacket with sleeves



**5** Bodywarmer



# True Market Leaders



**2** Outer jacket with sleeveless inner jacket



**3** Bodywarmer



**4** Bodywarmer reverse



**1** Outer jacket

## S468 Hi-Vis 4-in-1 Traffic Jacket



EN ISO 20471 CLASS 3  
 RIS-3279-TOM ISSUE 1 (ORANGE ONLY)  
 GO/RT 3279 ISSUE 8 (ORANGE ONLY)  
 EN 343 CLASS 3:1  
 ANSI/ISEA 107-2015 TYPE R CLASS 3  
 AS/NZS 4602.1:2011 CLASS D/N

A highly innovative and functional jacket that offers all the features and necessary standards of our Hi-Vis range, the S468 is a true market leader. The waterproof shell of this garment provides protection against wet weather when worn on its own. This jacket also includes a body warmer style S469.

100% Polyester, 300D Oxford Weave with a stain resistant finish, PU Coated 190g  
 100% Polyester 60g  
 Orange, Yellow XS-5XL





## 4X1 PARKA JACKET

### New Innovative Feature:

Ultra bright silver reflective hood for maximum visibility in low light conditions.



**4x1**

Discover  
Stunning  
Design

Pack away  
hood



**2** Outer jacket with sleeveless inner jacket



**3** Bodywarmer



**4** Bodywarmer reverse



Internal chest  
pocket

Inner ribbed  
cuffs

Print access

**1** Outer jacket

**S471**

### Hi-Vis 4-in-1 Contrast Traffic Jacket

EN ISO 20471 CLASS 3  
RIS-3279-TOM ISSUE 1 (ORANGE ONLY)  
GO/RT 3279 ISSUE 8 (ORANGE ONLY)  
EN 343 CLASS 3:1



Contemporary design 4-in-1 versatile jacket that offers four combinations: light weight outer, outer with body warmer combined, wear-alone body warmer and reverse colour body warmer. Comfortable and practical, the jacket is highly adaptable to all weather conditions and provides full wearer visibility in low light conditions. Features include; multiple pockets for ample storage, pack-away hood for easy storing, taped seams for complete wind and waterproof protection and print access for corporate branding.



100% Polyester, 300D Oxford Weave with a stain resistant finish, PU Coated 190g

100% Polyester 60g

Orange/Navy, Yellow/Navy S-3XL



**PADDED JACKET**



**PADDED**

**NEW COLOUR**

**Certified after 50x washes**

**S460 Hi-Vis Traffic Jacket**

EN ISO 20471 CLASS 3  
 EN 343 CLASS 3:1  
 EN 342 0.503M<sup>2</sup> K/W(B), X, 3, 2  
 RIS-3279-TOM ISSUE 1 (ORANGE ONLY)  
 GO/RT 3279 ISSUE 8  
 ANSI/ISEA 107-2015 TYPE R CLASS 3  
 AS/NZS 4602.1:2011 CLASS D/N



This fully certified waterproof jacket is a popular option across many industries. Hard-wearing, functional and packed full of features including a drawstring hood, studded storm flap and multiple storage pockets.

- 100% Polyester, 300D Oxford Weave with a stain resistant finish, PU Coated 190g
- 100% Polyester 60g
- 100% Polyester 170g
- Yellow XXS-8XL
- Orange S-5XL

**8XL**  
**XXS**



Internal chest pocket

Pack away hood



**S460**



Concealed detachable hood

**RT30**

**RT30 Hi-Vis Traffic Jacket**

EN ISO 20471 CLASS 3  
 RIS-3279-TOM ISSUE 1 (ORANGE ONLY)  
 GO/RT 3279 ISSUE 8  
 EN 343 CLASS 3:1  
 EN 342 0.503M<sup>2</sup> K/W(B), X, 3, 2  
 ANSI/ISEA 107-2015 TYPE R CLASS 3



Certified to the Railway Industry Standard RIS 3279-TOM, this jacket meets the stringent safety requirements the standard requires. Features include taped waterproof seams and multiple storage pockets.

- 100% Polyester, 300D Oxford Weave with a stain resistant finish, PU Coated 190g
- 100% Nylon 60g
- 100% Polyester 170g
- Orange XS-5XL

**5XL**  
**XS**



**PADDED JACKET**



**PADDED**

**R460**



*Detachable lining*



*Pack away hood*

*Concealed phone pocket*

**R460**

*Taped seams*

*Drawcord hood and hem*

**R460**

**RWS Traffic Jacket**

EN ISO 20471 CLASS 3  
EN 343 CLASS 3:1  
EN 342 0.503M<sup>2</sup> K/W(B), X, 3, 2



The reflective tape on this popular styled traffic jacket is in RWS configuration. By combining a heavy duty 100% polyester fabric and a rugged 300D Oxford weave, this jacket is ideal for outdoor work. Multiple pockets provide ample storage space.

**100% Polyester, 300D Oxford Weave with a stain resistant finish, PU Coated 190g**

**100% Polyester 60g Detachable liner: Polyester 60g/ Filling 170g**

**Orange S-4XL**



**RWS Range Extra Reflective Tape**

**S462**

**Hi-Vis Classic Two Tone Jacket**

EN ISO 20471 CLASS 3  
EN 343 CLASS 3:1



This winning style combines a modern look with a quality finish. Designed to keep you warm and dry, this item provides maximum visibility and is suitable for all weather conditions. Features include a mobile phone pocket and fold away hood.

**100% Polyester, 300D Oxford Weave with a stain resistant finish, PU Coated 190g**

**100% Polyester 60g**

**100% Polyester 170g**

**Yellow/Black S-3XL**

**Razor Sharp Design and Performance**



*Pack away hood*

*Concealed phone pocket*

*Hook and loop adjustable cuffs*

**S462**



PADDED JACKET

EN 342

PADDED

Pack away hood

Internal chest pocket

# Fantastic Heat Retention



Orange/Navy

Inner ribbed cuffs



Orange/Grey



Orange/Black

# Robust Protection Against Wind and Rain



Concealed phone pocket

S467

## Hi-Vis Two Tone Traffic Jacket

EN ISO 20471 CLASS 3  
RIS-3279-TOM ISSUE 1 (ORANGE ONLY)  
GO/RT 3279 ISSUE 8  
EN 343 CLASS 3:1  
EN 342 0.503M<sup>2</sup> K/W(B), X, 3, 2  
ANSI/ISEA 107-2015 TYPE R CLASS 3  
AS/NZS 4602.1:2011 CLASS D/N



This two-tone jacket has many tried and tested features and is offered in a variety of different contrasting colourways. With fully taped waterproof seams, this jacket is a true market leader.

100% Polyester, 300D Oxford Weave with a stain resistant finish, PU Coated 190g

100% Polyester 60g

100% Polyester 170g

Orange/Black, Orange/Grey S-3XL

Orange/Navy XS-5XL



**PADDED JACKET**



**PADDED**

# 6 Superb Colour Choices



Phone pocket

Pack away hood

**S466**

## Hi-Vis Contrast Traffic Jacket

ANSI/ISEA 107 TYPE R CLASS 3



EN ISO 20471 CLASS 3  
EN 343 CLASS 3:1  
EN 342 0.503M<sup>2</sup> K/W(B), X, 3, 2  
ANSI/ISEA 107-2015 TYPE R CLASS 3  
AS/NZS 4602.1:2011 CLASS D/N

Contrasting colours make this garment a highly popular choice. Designed to keep you warm and dry whilst giving the wearer increased visibility, this stylish jacket is suitable for all weather conditions. The garment is fully waterproof and features a drawstring hood, knitted storm cuffs and a two-way zip front with studded storm flap.

100% Polyester, 300D Oxford Weave with a stain resistant finish, PU Coated 190g

100% Polyester 60g  
100% Polyester 170g

Yellow/Navy, Yellow/Black, Yellow/Grey, Yellow/Royal, Yellow/Green

Red/Navy

**5XL**  
**XS**

	Reg
Yellow/Grey	S - 3XL
Yellow/Black	S - 3XL
Yellow/Royal	S - 3XL
Yellow/Green	XS - 3XL
Red/Navy	S - 3XL
Yellow/Navy	XS - 5XL



## Extreme Cold Weather Protection to -40°C



Yellow/Black

Yellow/Royal

Yellow/Green

Red/Navy

Yellow/Navy

# GLOW TEX™

## TRIPLE TECHNOLOGY HI-VIS

Portwest Glowtex™ Triple Technology uses the latest innovation in light emitting technology to ensure the wearer achieves the highest level of protection in high visibility apparel.

**6** AFTERGLOW LASTS UP TO 6 HOURS BEFORE IT IS FULLY DISCHARGED

### EZE ZIP™

The first major zip fastening technology in over 100 years see page 7 for further information



## Solar Charged Technology

GLOWTEX is a trademark of Portwest.

**1** Fluorescent material for visibility in daylight.

**2** HiVisTex retroreflective tape for visibility in low light conditions when under the illumination of headlights.

**3** Light emitting Glowtex tape which glows in the dark in very low or no light conditions.



## 3 Ways to Wear



**1** With fur lining



**2** Without fur lining



**3** Bodywarmer

### EZE ZIP

## G465 Glowtex 3-in-1 Jacket

EN ISO 20471 CLASS 3  
EN 343 CLASS 3:1

This 3-in-1 bomber jacket uses our highly innovative triple technology Glowtex function. Offering advanced visibility by combining fluorescent fabric, HiVisTex reflective tape and Glowtex phosphorescence tape which glows in the dark. The detachable fur lining and collar in combination with the zip-out sleeves ensures this is a superbly adaptable garment.

- 100% Polyester, 300D Oxford Weave with a stain resistant finish, PU Coated 190g
- 100% Polyester 60g
- 100% Polyester Fur Lining 400g
- Sleeve: 100% Polyester 120g
- Yellow/Navy S-3XL

\*Registered European Community Design



### EZE ZIP

## Glows in the Dark

## EZEE ZIP CLOSURE



**NEW**

**EZEE ZIP**

### G456 Glowtex Ezee Zip Executive Vest



EN ISO 20471 CLASS 2  
RIS-3279-TOM ISSUE 1 (ORANGE ONLY)  
ANSI/ISEA 107-2015 TYPE R CLASS 2  
AS/NZS 4602.1:2011 CLASS D/N

100% Polyester Warp Knit 125g  
Yellow S-5XL, Orange S-3XL

\*Registered European Community Design



**5XL**

## STUD CLOSURE



**NEW**

### G476 Glowtex Executive Vest



EN ISO 20471 CLASS 2  
ANSI/ISEA 107-2015 TYPE R CLASS 2

100% Polyester, Warp Knit 125g  
Yellow S-5XL

\*Registered European Community Design



**5XL**



**NEW**

**EZEE ZIP**

### G475 Glowtex Executive Jacket



EN ISO 20471 CLASS 3  
RIS-3279-TOM ISSUE 1 (ORANGE ONLY)

100% Polyester Warp Knit 125g  
Orange, Yellow S-3XL

\*Registered European Community Design



### G470 Triple Technology Vest



EN ISO 20471 CLASS 2  
RIS-3279-TOM ISSUE 1 (ORANGE ONLY)

100% Polyester Warp Knit 125g  
Orange, Yellow S/M-XXL/3XL

\*Registered European Community Design



**NEW**



# 3 Ways to Wear



1 With fur lining



2 Without fur lining



3 Bodywarmer



## C467 Hi-Vis 3-in-1 Bomber Jacket

EN ISO 20471 CLASS 3  
 RIS-3279-TOM ISSUE 1 (ORANGE ONLY)  
 GO/RT 3279 ISSUE 8 (ORANGE ONLY)  
 EN 343 CLASS 3:1



This versatile and practical 3-in-1 jacket offers increased wearer visibility and foul weather protection. This jacket is highly adaptable and can be worn in three unique combinations, which adds to its overall versatility. The jacket hosts a range of features including: multiple pockets for ample storage, ribbed cuff and hem for a secure and comfortable fit, detachable hood and fur collar.

100% Polyester, 300D Oxford Weave with a stain resistant finish, PU Coated 190g  
 100% Polyester 60g  
 Detachable lining: 100% Polyester Fur Lining 365g  
 Sleeve: 100% Polyester Filling 120g  
 Orange, Yellow S-3XL





3x1

# 3 Ways to Wear

**1** With fur lining



Yellow/Royal

Concealed detachable hood

Detachable fur collar

Phone pocket

Detachable lining

Taped seams

Ribbed cuffs



Yellow/Royal

**2** Without fur lining



Yellow/Royal

**3** Bodywarmer

6XL  
XS

NEW COLOUR

## C465 Hi-Vis Contrast Bomber Jacket

EN ISO 20471 CLASS 3  
EN 343 CLASS 3:1  
RIS-3279-TOM ISSUE 1 (ORANGE ONLY)  
GO/RT 3279 ISSUE 8 (ORANGE ONLY)  
ANSI/ISEA 107-2015 TYPE R CLASS 3  
AS/NZS 4602.1:2011 CLASS D/N



ANSI/ISEA 107 TYPE R CLASS 3

RIS 3279

100% Polyester, 300D Oxford Weave with a stain resistant finish, PU Coated 190g  
100% Polyester 60g  
100% Polyester Fur Lining 365g  
Sleeve: 100% Polyester 120g  
Yellow/Navy, Orange/Navy, Yellow/Black, Yellow/Grey, Yellow/Royal  
Red/Navy

	Reg
Yellow/Royal	S - 3XL
Red/Navy	S - 3XL
Orange/Navy	S - 5XL
Yellow/Black	S - 3XL
Yellow/Grey	S - 3XL
Yellow/Navy	XS - 6XL



Detachable sleeves

Red/Navy

Orange/Navy

Yellow/Black

Yellow/Grey

Yellow/Navy



# Discover Stunning Design



1 With fur lining



2 Without fur lining



3 Bodywarmer

## C466 Hi-Vis Classic Bomber Jacket

EN ISO 20471 CLASS 3  
EN 343 CLASS 3:1  
ANSI/ISEA 107-2015 TYPE R CLASS 3

ANSI/ISEA  
107  
TYPE R  
CLASS 3



Stand out from the crowd with this classic bomber jacket. It features a detachable fur liner, removable sleeves and detachable collar making it adaptable to all weather conditions. Other features include ID pocket, security sleeve pocket and contrast black panels.

100% Polyester, 300D Oxford Weave with a stain resistant finish, PU Coated 190g  
100% Polyester 60g  
100% Polyester Fur Lining 365g  
Sleeve: 100% Polyester Filling 120g  
Orange/Black S-3XL, Yellow/Black S-4XL



## 2X1 BOMBER JACKET

**2X1**

Detachable lining



1

Orange

S464

D-ring



Yellow

Two-way front plastic moulded zip

Detachable fur collar

Pack away hood

Phone pocket



2

Fleece lined collar

PADDED

EN 342

Detachable sleeves

C468

Print access

### 1 S464 Contrast Plus Bomber Jacket

EN ISO 20471 CLASS 3  
EN 343 CLASS 3:1



100% Polyester, 300D Oxford Weave with a stain resistant finish, PU Coated 190g

100% Polyester 60g

100% Polyester Fur Lining 365g

Yellow 3-tone S-3XL

Orange 3-tone S-5XL



### 2 C468 HI-Vis 2-in-1 Jacket

EN ISO 20471 CLASS 3  
RIS-3279-TOM ISSUE 1 (ORANGE ONLY)  
GO/RT 3279 ISSUE 8 (ORANGE ONLY)  
EN 343 CLASS 3:1  
EN 342 0.503M<sup>2</sup> K/W(B), X, 3, 2



100% Polyester, 300D Oxford Weave with a stain resistant finish, PU Coated 190g

100% Polyester 60g

100% Polyester 170g

Orange/Navy, Yellow/Navy S-3XL

RIS 3279



**BOMBER JACKET**

**PADDED**



Pack away hood

Fleece lined collar

# Huge Range of Sizes Available XXS - 8XL

Internal chest pocket



Print access

**Best Seller**



**S463**

### Hi-Vis Bomber Jacket

EN ISO 20471 CLASS 3  
RIS-3279-TOM ISSUE 1 (ORANGE ONLY)  
GO/RT 3279 ISSUE 8 (ORANGE ONLY)  
EN 343 CLASS 3:1  
EN 342 0.503M2 K/W(B), X, 3, 2  
ANSI/ISEA 107-2015 TYPE R CLASS 3  
AS/NZS 4602.1:2011 CLASS D/N

Comfort and quality are key with this garment, coupled with all our usual safety and weatherproof functions. The two-way front zip, studded flap and knitted storm cuffs provide ultimate protection.

- 100% Polyester, 300D Oxford Weave with a stain resistant finish, PU Coated 190g
- 100% Polyester 60g
- 100% Polyester 170g
- Yellow XXS-8XL
- Red S-3XL
- Orange S-5XL



Concealed phone pocket

**S463**



# BOMBER JACKET

PADED



Concealed detachable hood

Fleece lined collar



RT32

Print access

Inner ribbed cuffs

RT32

## Hi-Vis Bomber Jacket RIS

EN ISO 20471 CLASS 3  
RIS-3279-TOM ISSUE 1 (ORANGE ONLY)  
GO/RT 3279 ISSUE 8  
EN 343 CLASS 3:1  
EN 342 0.503M<sup>2</sup> K/W(B), X, 3, 2  
ANSI/ISEA 107-2015 TYPE R CLASS 3



Completely padded and lined, the RT32 offers great freedom of movement and is combined with all our usual safety and weatherproofing functions. Fully certified to RIS 3279 for use on railways or similar environments.



100% Polyester, 300D Oxford Weave with a stain resistant finish, PU Coated 190g  
100% Polyester 60g  
100% Polyester 170g  
Orange XS-5XL



4 pockets



## Quality Padded Jackets - Ideal for Cold Weather

S266

### Hi-Vis Two Tone Bomber Jacket

PADED



EN ISO 20471 CLASS 3  
RIS-3279-TOM ISSUE 1 (ORANGE ONLY)  
GO/RT 3279 ISSUE 8 (ORANGE ONLY)  
EN 343 CLASS 3:1

This fully certified, two-tone bomber style jacket is a strong performer in the Hi-Vis range. The quilted lining provides warmth and comfort whilst the waterproof taped seams ensure 100% dryness.

100% Polyester, 300D Oxford Weave with a stain resistant finish, PU Coated 190g  
100% Polyester 60g  
100% Polyester 170g  
Orange/Navy, Yellow/Navy S-3XL



S266



Pack away hood

Phone pocket

**PADDED RAINWEAR**

**PADDED**



**PADDED**



Adjustable straps

Multiple storage pockets

Back patch pocket

Quick release buckle



Radio loop

Pack away hood

Inner ribbed cuffs

Double rule pocket

**Quilt Lining for Maximum Warmth**

Zipped ankles for easy fitting over work boots



Zipped ankles

Zipped ankles

**S489**

**Contrast Bib & Brace - Lined**

EN ISO 20471 CLASS 2  
RIS-3279-TOM ISSUE 1 (ORANGE ONLY)  
GO/RT 3279 ISSUE 8 (ORANGE ONLY)  
EN 343 CLASS 3:1  
EN 342 0.420M2 K/W(B), X, 3, 2



100% Polyester, 300D Oxford Weave with a stain resistant finish, PU Coated 190g  
100% Polyester 60g  
100% Polyester 170g  
Orange/Navy, Yellow/Navy S-3XL



**S485**

**Hi-Vis Contrast Coverall - Lined**

EN ISO 20471 CLASS 3  
EN 343 CLASS 3:1  
EN 342 0.420M2 K/W(B), X, 3, 2  
ANSI/ISEA 107-2015 TYPE R CLASS 3



100% Polyester, 300D Oxford Weave with a stain resistant finish, PU Coated 190g  
100% Polyester 60g  
100% Polyester 170g  
Orange/Navy S-4XL, Yellow/Navy S-6XL



**PADDED BODYWARMER**

Can interact with style S468

54
















Quilt lined

**PADDED Reversible garment**

**2 Ways to Wear**

**S469 Hi-Vis Reversible Bodywarmer**

-  
-  
-  
-  

-   100% Polyester, 300D Oxford Weave with a stain resistant finish, PU Coated 190g
-  65% Polyester, 35% Cotton 260g
-  100% Polyester, 200g
-  Yellow XS-5XL, Orange S-5XL















S469



**PADDED**

**S267 Hi-Vis Two Tone Bodywarmer**

-  
-  
-  
-  

-  100% Polyester, 300D Oxford Weave with a stain resistant finish, PU Coated 190g
-  100% Polyester 60g
-  100% Polyester 160g
-  Yellow/Navy S-3XL



Internal chest pocket

Lined

S267



**Offers Comfort, Versatility and Functionality**

# High Performance Waterproof Protection



**S480**

**Hi-Vis Traffic Trousers**

EN ISO 20471 CLASS 1  
 RIS-3279-TOM ISSUE 1 (ORANGE ONLY)  
 GO/RT 3279 ISSUE 8 (ORANGE ONLY)  
 EN 343 CLASS 3:1  
 ANSI/ISEA 107-2015 SUPPLEMENTAL CLASS E  
 AS/NZS 1906.4:2010



These trousers are designed to keep the wind and rain out as well as offering the best specification in the industry. An elasticated waist and adjustable stud hem make this garment a popular, comfortable choice with our customers.

- 100% Polyester, 300D Oxford Weave with a stain resistant finish, PU Coated 190g
- Reg: Orange S-3XL
- Yellow S-6XL
- Tall: Yellow M-XXL
- Reg: Red S-XXL



**S486**

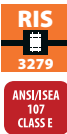
**Hi-Vis Two Tone Traffic Trousers**

EN ISO 20471 CLASS 2  
 RIS-3279-TOM ISSUE 1 (ORANGE ONLY)  
 GO/RT 3279 ISSUE 8 (ORANGE ONLY)  
 EN 343 CLASS 3:1  
 ANSI/ISEA 107-2015 SUPPLEMENTAL CLASS E



These lightweight, extremely waterproof over-trousers are a practical choice for keeping wind and rain out. Clever features include an elasticated waist, adjustable stud hem, two tone design and side access.

- 100% Polyester, 300D Oxford Weave with a stain resistant finish, PU Coated 190g
- Orange/Navy, Yellow/Navy S-3XL, Yellow/Black S-5XL





# Ideal for Rail Industry



Zipped ankles

## RT31 Hi-Vis Traffic Trousers, RIS

EN ISO 20471 CLASS 2  
RIS-3279-TOM ISSUE 1 (ORANGE ONLY)  
GO/RT 3279 ISSUE 8  
EN 343 CLASS 3:1



Designed with rail and other industries in mind, these trousers have the added feature of side leg zips with placket so they can be easily worn over trousers or jeans.

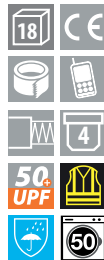
100% Polyester, 300D Oxford Weave with a stain resistant finish, PU Coated 190g  
Orange S-3XL



Zipped ankles

## S686 Hi-Vis Contrast Trousers - Lined

EN ISO 20471 CLASS 2  
RIS-3279-TOM ISSUE 1 (ORANGE ONLY)  
GO/RT 3279 ISSUE 8 (ORANGE ONLY)  
EN 343 CLASS 3:1



This cleverly designed winter trouser keeps the wearer visible, safe, warm and dry in all weather conditions. The fluorescent fabric and the retro-reflective tape offer superb protection in low light conditions, while the padding traps the heat for added warmth and comfort for the wearer.

100% Polyester, 300D Oxford Weave with a stain resistant finish, PU Coated 190g  
100% Polyester 60g  
100% Polyester 170g  
Orange/Navy, Yellow/Navy S-XXL



**150D**  
**OXFORD WEAVE**

## Fabric Information

Made with 150 Denier 100% Polyester yarn, this is a tough fabric for tough conditions. 150D fabric has superb abrasion and tear resistance. The PVC coating on the inside makes the fabric durable and waterproof and the outer has a water repellent coating which helps keep the garment clean.



### S160 Hi-Vis Lite Traffic Jacket

EN ISO 20471 CLASS 3  
EN 343 CLASS 3:1  
ANSI/ISEA 107-2015 TYPE R CLASS 3

ANSI/ISEA  
107  
TYPE R  
CLASS 3



Offering high quality at an unbeatable price, the S160 includes features such as a zipped front with Hook & Loop storm flap, jettied hip pockets and stud adjustable cuffs.

100% Polyester, 150D Oxford Weave, PVC Coated 200g  
100% Polyester Mesh 60g  
Orange, Yellow S-3XL



## Mesh Lined For Maximum Breathability

**150D**  
**OXFORD WEAVE**

# Soft Luxurious Fleece Lined Collar



**S166**

D-ring

**S166**

## Lite Two-Tone Traffic Jacket

EN ISO 20471 CLASS 3  
EN 343 CLASS 3:1



An excellent lightweight two-tone jacket hosting a range of practical features including radio loop, deep roomy pockets, adjustable cuffs and twin stitching on the critical seams.

100% Polyester, 150D Oxford Weave, PVC Coated 200g  
100% Polyester Mesh 60g  
Yellow/Navy S-3XL

**Guaranteed  
Lightweight Protection**



**S161**

## Hi-Vis Lite Bomber Jacket

EN ISO 20471 CLASS 3  
EN 343 CLASS 3:1



This lightweight addition to the Hi-Vis range is sensational value for money and provides a combination of supreme functionality with innovative design. The quality finish and close attention to detail is apparent throughout. Complete with side access pockets, radio loop, comfortable elasticated waist and adjustable cuffs, this style is easily distinguished amongst the competition.

100% Polyester, 150D Oxford Weave, PVC Coated 200g  
100% Polyester Mesh 60g  
Yellow S-3XL



**Mesh Lined For  
Maximum  
Breathability**





**150D**  
OXFORD WEAVE

**Best Value**  
**3-in-1**



**1** Outer jacket with inner jacket



**2** Outer jacket



**3** Detachable fleece

**\$162** Hi-Vis Lite 3 in 1 Jacket

EN ISO 20471 CLASS 3  
EN 343 CLASS 3:1



This 3-in-1 addition to the Hi-Vis 150D Oxford range is excellent value for money and provides a combination of supreme versatility with innovative design. Complete with multi-layered practical pockets, full front zip closure, concealed hood and a detachable stand-alone internal fleece jacket.

100% Polyester, 150D Oxford Weave, PVC Coated 200g  
100% Polyester Mesh 60g  
100% Polyester, Anti-Pill finish Fleece 280g  
Orange/Navy, Yellow/Navy S-3XL



# 190T OXFORD WEAVE

## Fabric Information

Made with 190T plain weave 100% polyester yarn this is a durable, hard wearing fabric for tough conditions. This fabric is lightweight and has superb abrasion and tear resistance. It has a PVC coating inside which makes the fabric waterproof and has a water repellent coating on the outside which helps keep the garment clean.

### H443 Hi-Vis Classic Contrast Rain Jacket

EN ISO 20471 CLASS 3  
EN 343 CLASS 3:1  
ANSI/ISEA 107-2015 TYPE CLASS 3



Designed to keep the wearer visible, safe and dry in foul weather conditions. This lightweight stylish two tone jacket features a pack-away hood for easy access, large pockets for ample storage and vented back yoke and eyelets for ventilation.

100% Polyester, 190T, Plain Weave, PVC coated 200g

Yoke Only: 100% Polyester Mesh 60g

Orange/Navy, Yellow/Navy S-3XL, Yellow/Black S-5XL

ANSI/ISEA 107 TYPE CLASS 3

NEW COLOUR

5XL

TEXPEL<sup>SM</sup> SPLASH

Fully elasticated waistband

Inner elasticated cuff

Eyelets and back vent

Pack away hood



Yellow/Navy

Orange/Navy



H444

Yellow/Black

H443

Orange/Navy

Yellow/Navy

Yellow/Black

### H444 Hi-Vis Classic Contrast Rain

#### Trouser

EN ISO 20471 CLASS 1

EN 343 CLASS 3:1

ANSI/ISEA 107-2015 SUPPLEMENTAL CLASS E



ANSI/ISEA 107 CLASS E

Lightweight and practical, these stylish trousers provide comfort and protection against adverse weather conditions. Features include waist elastication for comfort and ease of movement, stud adjustable hems for a secure fit and taped seams for full protection against wind and rain.

100% Polyester, 190T, Plain Weave, PVC coated 200g

Orange/Navy, Yellow/Navy S-3XL, Yellow/Black S-5XL

Twin-stitched seams

NEW COLOUR

5XL

TEXPEL<sup>SM</sup> SPLASH

Stud adjustable hems

# 190T

OXFORD WEAVE

## Extreme Foul Weather Protection

### H440 Hi-Vis Rain Jacket

EN ISO 20471 CLASS 3  
EN 343 CLASS 3:1  
ANSI/ISEA 107-2015 TYPE R CLASS 3  
AS/NZS 4602.1:2011 CLASS D/N

ANSI/ISEA  
107  
TYPE R  
CLASS 3



Designed to keep the wearer visible, safe and dry in foul weather conditions, the H440 is extremely practical and waterproof. It offers exceptional value for money and can be perfectly matched with the H441 Hi-Vis Rain Trousers. This garment can be easily rolled up and stored when not in use.



100% Polyester, 190T, Plain Weave, PVC coated 200g  
Yoke Only: 100% Polyester Mesh 60g  
Orange, Yellow XS-4XL



Eyelets and back vent

Pack away hood

Adjustable cord and toggle



H440

Elasticated storm cuff gives extra protection

Fully elasticated waistband



H441

Stud adjustable hems

### H441 Hi-Vis Rain Trousers

EN ISO 20471 CLASS 1 EN 343 CLASS 3:1  
ANSI/ISEA 107-2015 SUPPLEMENTAL CLASS E  
AS/NZS 1906.4:2010

ANSI/ISEA  
107  
CLASS E



Like the Hi-Vis Rain Jacket, our Hi-Vis Rain Trousers are lightweight and extremely practical. They can be layered over the wearers own trousers for complete waterproof protection.

100% Polyester, 190T, Plain Weave, PVC coated 200g  
Yellow XS-4XL  
Orange S-3XL



**NEW  
COLOUR**

**190T  
OXFORD WEAVE**



Pack away hood

**Coat length  
100cms**

**NEW**

Pack away hood

**Longer coat length  
122cms**

Radio loop

Elasticated storm cuff gives extra protection

Inner elasticated cuff

Deep storage pockets

Deep storage pockets

## Delivering Value and Style

### H442 Hi-Vis Coat 100cm

EN ISO 20471 CLASS 3  
EN 343 CLASS 3:1



100% Polyester, 190T, Plain Weave, PVC coated 200g  
Yoke Only: 100% Polyester Mesh 60g  
Orange, Yellow S-4XL



### H445 Hi-Vis Coat 122cm

EN ISO 20471 CLASS 3  
EN 343 CLASS 3:1  
ANSI/ISEA 107-2015 TYPE R CLASS 3



100% Polyester, 190T, Plain Weave, PVC coated 200g  
100% Polyester Mesh 60g  
Yellow S-5XL

ANSI/ISEA  
107  
TYPE R  
CLASS 3





### Fabric Information

Sealtex Ultra is a highly breathable, high technology PU coated fabric, on a flexible 100% polyester tricot knit, 185g. Sealtex Ultra meets high visibility standard EN ISO 20471.

### Garment Benefits

Waterproof, windproof and breathable, we guarantee this range will keep you warm and dry in adverse conditions. The welded seams keep rain and wind out and the durable, stretchy fabric can easily be wiped clean, allowing the garments to look good and last for longer.

**High Frequency Welded  
Waterproof Seams for  
Protection Against Rain**

**Flexible  
stretchy fabric  
with a wipe  
clean finish**



S491

S493

### S491 Sealtex Ultra Unlined Jacket (Yellow)

EN ISO 20471 CLASS 3  
EN 343 CLASS 3:2  
ANSI/ISEA 107-2015 TYPE R CLASS 3



A garment of exceptional quality, the Sealtex Ultra Jacket is made from a unique lightweight material which offers an unrivalled mixture of breathability, waterproof and windproof protection.

Sealtex Ultra 100% Polyester, Tricot Knit, PU Coated 185g  
Yellow XS-5XL

ANSI/ISEA  
107  
TYPE R  
CLASS 3



**Welded Seams for Maximum Waterproofness**



# SEALTEX™ ULTRA



Pack away hood

Stud-adjustable cuffs

Storm flap front

RT50

### RT50 Sealtex Ultra Unlined Jacket

EN ISO 20471 CLASS 3  
EN 343 CLASS 3:2



This jacket offers unrivalled high visibility and rain protection coupled with excellent wearer comfort. Hardwearing, functional and packed full of features including concealed hood, adjustable cuffs and large roomy pockets for secure storage.

Sealtex Ultra 100% Polyester, Tricot Knit, PU Coated 185g

Orange S-3XL



Pack away hood

Storm flap front

Stud-adjustable cuffs

S496

### S496 Sealtex Ultra Two Tone Jacket

EN ISO 20471 CLASS 3  
EN 343 CLASS 3:2



Be seen and be comfortable in this excellent quality jacket. The unique lightweight material offers an unrivalled mixture of breathability, waterproof and windproof protection. The attached hood and studded storm flap are great features in bad weather.

Sealtex Ultra 100% Polyester, Tricot Knit, PU Coated 185g

Yellow/Navy S-XXL



High Technology Flexible Fabric

# SEALTEX™ ULTRA

## S498 Sealtex Ultra Bomber Jacket



(Yellow)

EN ISO 20471 CLASS 3

EN 343 CLASS 3:1



Using our latest Sealtex Ultra fabric this modern style Bomber Jacket is extremely popular amongst those looking for garments offering the best in wearer comfort. Waterproof, windproof and breathable, this garment keeps out all the harsh elements.

**Sealtex Ultra 100% Polyester, Tricot Knit, PU Coated 185g**  
**100% Polyester 60g**  
**Body: 100% Polyester Filing, 170g**  
**Sleeve: 100% Polyester Filing, 100g**  
**Yellow S-XXL**



PADED



Pack away hood

Fleece lined collar

S498

Print access

Inner ribbed cuffs



Pack away hood

Internal chest pocket

PADED

## S490 Sealtex Ultra Lined Jacket



EN ISO 20471 CLASS 3

EN 343 CLASS 3:1

ANSI/ISEA 107-2015 TYPE R CLASS 3



Be seen and be comfortable in this excellent quality jacket. The unique lightweight material offers an unrivalled mixture of breathability, waterproof and windproof protection. The S490 is lined for increased warmth in cold conditions. The attached hood and studded storm flap are great features particularly in bad weather.



**Sealtex Ultra 100% Polyester, Tricot Knit, PU Coated 185g**  
**100% Polyester 60g**  
**Body: 100% Polyester 170g**  
**Sleeve: 100% Polyester 100g**  
**Yellow S-3XL**



Inner ribbed cuffs

Deep storage pockets

S490

# Superior Waterproof Technology

**Tear Resistant, Anti Fungal, Breathable Fabric**



## RT51 Sealtex Ultra Trousers

EN ISO 20471 CLASS 2  
EN 343 CLASS 3:2



Sealtex Ultra 100% Polyester, Tricot Knit, PU Coated 185g  
Orange S-3XL

## S493 Sealtex Ultra Reflective Trousers

EN ISO 20471 CLASS 1  
EN 343 CLASS 3:2  
ANSI/ISEA 107-2015 SUPPLEMENTAL CLASS E



Sealtex Ultra 100% Polyester, Tricot Knit, PU Coated 185g  
Yellow XS-5XL  
Orange S-3XL

ANSI/ISEA 107 CLASS E



## S495 Sealtex Ultra Coverall

EN ISO 20471 CLASS 3  
EN 343 CLASS 3:2



Premium quality hi-vis and waterproof coverall. The Sealtex Ultra fabric has an exceptionally soft handle and this coverall is designed to fit comfortably over work clothes. The double storm flap, side access opening and concealed hood are all practical additions.

Sealtex Ultra 100% Polyester, Tricot Knit, PU Coated 185g  
Yellow S-3XL  
Orange S-3XL



# XRange

## DIRECTIONAL HI-VIS

### Garment Benefits

The X-Range is an innovative and exciting concept in Safety High Visibility Workwear. The signatory X reflective tape configuration on the back of each garment provides the maximum visibility for the wearer during both daylight conditions and under illumination of headlights in the dark. Safety features such as the detachable hood and the absence of flaps or loose drawcords ensure that the garment will not get caught in machinery. This guarantees a safer work environment. These garments are the ideal safety solution for those working on farms, in gardens, parks and other demanding outdoor agricultural environments.



Radio loop

Knitted cuff

Phone pocket

Concealed zip opening



Back

Side elastic waist

Back patch pocket

**Advanced Stain,  
Oil and Splash  
Repellent Finish**

### E052 X Hi-Vis Coverall

EN ISO 20471 CLASS 2



This coverall guarantees maximum comfort, durability and safety. The modern contrast colouring combined with clever features such as a concealed mobile phone pocket, radio loop and knitted cuffs make this an ideal workwear solution for a range of professionals.

65% Polyester, 35% Cotton 245g

X Yellow/Green S-3XL

\*Registered European Community Design



3x1

Luxurious Fur Lining can be Detached

XRange

DIRECTIONAL HI-VIS

3 Ways to Wear

Internal chest pocket

Concealed detachable hood

Detachable sleeves

Phone pocket

8 pockets for ample storage

Knitted cuff



1 With fur lining



2 Without fur lining



3 Bodywarmer

Back



Be Seen From All Directions

C565 X Hi-Vis Bomber Jacket

EN ISO 20471 CLASS 2  
EN 343 CLASS 3:1



Versatile and comfortable protection against all weather conditions. The detachable fur lining and collar in combination with the zip-out sleeves, prove this is a superbly adaptable garment. Numerous zipped outer and interior pockets afford excellent personal security.

- 100% Polyester, 300D Oxford Weave with a stain resistant finish, PU Coated 190g
- 100% Polyester 60g
- 100% Polyester Fur Lining 365g
- Sleeve: 100% Polyester Filling 120g
- Yellow/Green S-3XL

\*Registered European Community Design



If You Can See The X, They Can't See You | 83

*Twin Stitched Seams for Extra Durability*

**WORKWEAR**

**Garment Benefits**

This great value workwear range is functional, comfortable to wear, fits extremely well and is suitable for multiple working environments. The colours and styles offered are perfect for corporate branding. Each garment has been carefully designed to include key features such as ergonomic kneepad pockets, secure storage pockets, rule pockets and twin stitched reinforced seams for extra durability.

**Fabric Information**

These garments are made from durable, stain resistant 65% Polyester, 35% Cotton 245g Kingsmill fabric. This tough premium certified fabric guarantees high performance and maximum wearer comfort.



Texpel™ SOS, Splash, Oil and Stain is a premium fabric finish which repels oil and liquids, causing them to bead up and roll off the fabric surface. The finish also helps release stains in the washing process, keeping garments looking cleaner for longer.



Back pocket

Phone pocket

Secure zip pocket

Elasticated back panel

Rule pocket

Kneepad pockets

Hook and loop adjustable hem

**TX72 Girona Hi-Vis Bib & Brace**

EN ISO 20471 CLASS 2  
RIS-3279-TOM ISSUE 1 (ORANGE ONLY)  
GO/RT 3279 ISSUE 8 (ORANGE ONLY)



The Girona Bib & Brace features a large bib pocket with zip, kneepad pockets and a double rule pocket. This stylish design is made from durable Hi-Vis Kingsmill fabric and offers fantastic freedom of movement and complete versatility.

65% Polyester, 35% Cotton 245g  
Orange/Navy, Yellow/Navy S-3XL



Twin-stitched seams

Phone pocket

**TX70 Madrid Hi-Vis Jacket**

EN ISO 20471 CLASS 3  
RIS-3279-TOM ISSUE 1 (ORANGE ONLY)  
GO/RT 3279 ISSUE 8 (ORANGE ONLY)



The Portwest Madrid Hi-Vis Jacket is stylish and practical with a contemporary fit. The durable fabric offers excellent abrasion resistance and durability. Several handy pockets provide secure storage and the top pocket can accommodate modern smart phone dimensions.

65% Polyester, 35% Cotton 245g  
Orange/Navy, Yellow/Navy S-3XL



Hook and loop adjustable cuffs

Back pocket

TX70

Side elastic waist

## Technically Advanced Workwear

**TX71 Seville Hi-Vis Trousers**

EN ISO 20471 CLASS 2  
RIS-3279-TOM ISSUE 1 (ORANGE ONLY)  
GO/RT 3279 ISSUE 8 (ORANGE ONLY)



The TX71 is a tough, durable stylish design with a relaxed elasticated waistband. Made from quality Kingsmill fabric, features include double rule pocket, back pocket with flap and twin stitched seams for added strength.

65% Polyester, 35% Cotton 245g  
Orange/Navy, Yellow/Navy S-XXL

Rule pocket

Twin-stitched seams

Knee pad pockets

Hook and loop adjustable hem

TX71



# PORTWEST TEXO HIGH VISIBILITY™

## WORKWEAR

**TX50**

### Lille Hi-Vis Jacket

EN ISO 20471 CLASS 3  
RIS-3279-TOM ISSUE 1 (ORANGE ONLY)  
GO/RT 3279 ISSUE 8 (ORANGE ONLY)



This stylish, two colour jacket has many useful features including a back pocket for cap and glove storage. The front zipped pocket is ideal for secure storage of keys and coins.

65% Polyester, 35% Cotton 245g  
Orange/Navy, Yellow/Navy S-3XL  
Red/Navy S-XXL



**TX50**



Detachable ID pocket

Multiple storage pockets

Orange/  
Navy

Yellow/Navy

Red/Navy



Hook and loop adjustable cuffs

Side elastic waist

Orange/Navy

Yellow/Navy

Red/Navy

Elasticated back waist

Two back patch pockets

Knee pad pockets

Hook and loop adjustable hem

Rule pocket

## The Search for Perfect Workwear Ends Here

**TX51**

### Lyon Hi-Vis Trousers

EN ISO 20471 CLASS 2  
RIS-3279-TOM ISSUE 1 (ORANGE ONLY)  
GO/RT 3279 ISSUE 8 (ORANGE ONLY)



These trousers look smart and feel great. The modern contrast colouring is combined with useful features such as a mobile phone and pen pocket, knee pad pockets and adjustable Hook & Loop hems.

65% Polyester, 35% Cotton 245g  
Reg: Orange/Navy, Yellow/Navy XS-4XL  
Tall: Orange/Navy, Yellow/Navy M-XXL  
Reg: Red/Navy S-XXL





Combining safety and style, the Portwest Texo High Visibility range is suitable for diverse work environments. The polyester/cotton fabric offers superior comfort and durability. The design includes modern features such as multi layered pockets, comfort waistbands, ergonomic kneepad pockets and twin stitched seams.



**TX52** *Dijon Hi-Vis Bib and Brace*

EN ISO 20471 CLASS 2  
RIS-3279-TOM ISSUE 1 (ORANGE ONLY)  
GO/RT 3279 ISSUE 8 (ORANGE ONLY)



65% Polyester, 35% Cotton 245g  
Orange/Navy, Yellow/Navy S-XXL

**TX55** *Nantes Hi-Vis Coverall*

EN ISO 20471 CLASS 3  
RIS-3279-TOM ISSUE 1 (ORANGE ONLY)  
GO/RT 3279 ISSUE 8 (ORANGE ONLY)



65% Polyester, 35% Cotton 245g  
Orange/Navy, Yellow/Navy S-3XL



## Luxurious Fur Lining can be Detached

### 3 Ways to Wear



1 With fur lining



2 Without fur lining



3 Bodywarmer



**PJ50** Hi-Vis 3-in-1 Pilot Jacket  
 EN ISO 20471 CLASS 3  
 ANSI/ISEA 107-2015 TYPE R CLASS 3

ANSI/ISEA  
 107  
 TYPE R  
 CLASS 3



Providing versatile and comfortable protection, this jacket is suitable for a variety of working environments. Quality fabric, superb workmanship and unrivalled function are standard. The detachable fur lining and collar in combination with the zip-out sleeves ensures this is an extremely adaptable garment. Numerous zipped outer and interior pockets afford excellent personal security.



55% Cotton, 45% Polyester 240g  
 100% Polyester Fur Lining 460g  
 100% Polyester 60g  
 Sleeve: 100% Polyester Filling 120g  
 X Yellow/Navy S-5XL, Orange/Navy S-4XL, Yellow/Black S-3XL

5XL

TEXPEL  
 SPLASH

**Wear with  
PJ50**

Robust buckle fastener

Elasticated back panel

Adjustable side opening

Back patch pocket

Rule pocket

Twin-stitched seams

Knee pad pockets

## Garment Benefits

This modern workwear range is characterised by its clever, practical features including multiple storage pockets for phones and tools and excellent contemporary fit for superior wearer comfort. The range offers a great choice of styles for multiple end uses.

Elasticated back waist

Two back patch pockets

Phone pocket

Rule pocket

### PJ52 Hi-Vis Contrast Bib & Brace - Unlined

EN ISO 20471 CLASS 2  
RIS-3279-TOM ISSUE 1 (ORANGE ONLY)  
GO/RT 3279 ISSUE 8 (ORANGE ONLY)



The contrast Bib & Brace is made from durable, comfortable cotton rich fabric. The external polyester finish provides increased wear and tear properties while the internal cotton lining provides maximum comfort. A spacious and secure bib pocket, together with durable knee pad pockets, add to the convenience of this winning garment. A back elastic panel provides added comfort for the wearer.

55% Cotton, 45% Polyester 240g  
Yellow S-3XL  
Orange S-XXL



### E049 Hi-Vis Two Tone Combat Trousers

EN ISO 20471 CLASS 1



This fully certified combat trouser in a contrast navy colourway has a multitude of clever features. The predominantly Navy colourway ensures that your trousers look great and keep clean for longer.

65% Polyester, 35% Cotton 245g  
Reg: Navy/Orange, Navy/Yellow S-XXL  
Tall: Navy/Yellow M-XXL



# Complete High Visibility Workwear Protection



**5XL**  
**XS**

**E042 Hi-Vis Poly-cotton Coverall**  
EN ISO 20471 CLASS 3

- Complete protection for anyone working near roads, motorways or traffic. The heavyweight fabric and rugged design ensures the coverall lasts longer.
- 80% Polyester, 20% Cotton 280g**
- Yellow S-3XL**
- 
- 



**RT42 Hi-Vis Poly-cotton Coverall RIS**  
EN ISO 20471 CLASS 3

- 
- RIS-3279-TOM**
- GO/RT 3279 ISSUE 8**
- The industrial wash Hi-VisTex tape to the arms, legs, chest and shoulders provide outstanding wearer visibility while the heavyweight fabric and rugged design ensures the coverall lasts longer. Elastic to waist provides a roomy fit.
- 80% Polyester, 20% Cotton 280g**
- Orange XS-5XL Reg**
- Orange M-3XL Tall**
- 
- 



**RT43 Hi-Vis Bib & Brace RIS**  
EN ISO 20471 CLASS 2

- 
- RIS-3279-TOM ISSUE 1 (ORANGE ONLY)**
- GO/RT 3279 ISSUE 8**
- Superior materials and quality construction make the RT43 a firm favourite amongst all rail industry and roadside workers. The hardwearing fabric withstands dirt and grime with the Texpel finish helping to repel stains. A large zipped bib pocket is ideal for holding tools and the shoulder straps can be adjusted to ensure a comfortable fit.
- 80% Polyester, 20% Cotton 280g**
- Orange S-3XL**
- Inside Leg 33"/84cm Reg**
- 
- 

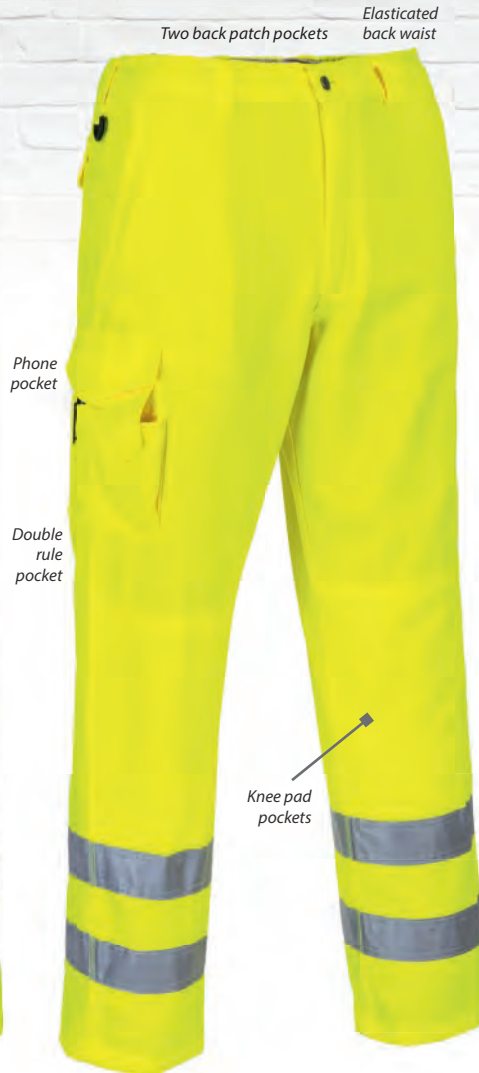


# Premium, Durable, High Visibility Workwear

## ACTION

## COMBAT

## SHORTS



### E061 Hi-Vis Action Trousers

EN ISO 20471 CLASS 2



The E061 incorporates outstanding details such as multiple pockets, superior stitch quality and generous sizing along with an EN ISO 20471 Class 2 certificate.

65% Polyester, 35% Cotton  
245g  
Reg: Yellow XS-3XL  
Tall: Yellow M-XL

### E046 Hi-Vis Combat Trousers

EN ISO 20471 CLASS 1



Conforming to the latest EN ISO 20471 standard, these modern trousers feature a combat thigh pocket with mobile phone pocket, kneepad pockets and back waist elastic for superior wearer comfort.

65% Polyester, 35% Cotton 245g  
Reg: Yellow XS-3XL  
Tall: Yellow M-3XL

### E043 Hi-Vis Poly-cotton Shorts

EN ISO 20471 CLASS 1  
ANSI/ISEA 107-2015 SUPPLEMENTAL CLASS E

ANSI/ISEA 107 CLASS E



Stylish summer shorts, the modern knee-length style and contrasting trims have made these shorts a favourite for hot days. Featuring a convenient thigh pocket and mobile phone pocket, with half elasticated waist for comfortable fit.

65% Polyester, 35% Cotton 245g  
Orange/Navy, Yellow/Grey S-XXL



Certified after 50x washes



Polyester/Cotton Vest also available

Hi-Vis Polycotton Vest

C497 112

COMBAT 2 BANDS

ACTION 2 BANDS

COMBAT 3 BANDS



**RT46 Rail Combat Trousers**



EN ISO 20471 CLASS 2  
RIS-3279-TOM ISSUE 1  
(ORANGE ONLY)  
GO/RT 3279 ISSUE 8

Offers great wearer benefits and features including multiple storage options. Reflective tape is positioned higher up on the legs for even greater visibility.

65% Polyester, 35% Cotton 245g  
Orange, Reg XS-4XL  
Orange, Tall S-3XL



Certified after 50x washes



**RT47 Rail Action Trousers**



EN ISO 20471 CLASS 2  
RIS-3279-TOM ISSUE 1  
(ORANGE ONLY)  
GO/RT 3279 ISSUE 8

Conforming to the latest rail standards, this multi-pocket action trouser incorporates excellent features such as a comfortable elastic waist, multiple pockets and generous sizing.

65% Polyester, 35% Cotton 245g  
Orange S-XXL



**RT49 HiVis Three Band Combat Trousers**



EN ISO 20471 CLASS 2  
RIS-3279-TOM ISSUE 1 (ORANGE ONLY)

Conforming to the latest rail industry standards, this multi-pocket trouser features excellent secure storage, ergonomic knee pad pockets, a comfortable elasticated waist as well as extra reflective tape for maximum visibility.

65% Polyester, 35% Cotton 245g  
Orange S-3XL



# Combat and Action Trousers

## STRETCH TRACK

## PANTS HIGH TAPE

## PANTS LOW TAPE



### RT48 Hi-Vis Jogging



#### Bottoms

EN ISO 20471 CLASS 2  
RIS-3279-TOM ISSUE 1 (ORANGE ONLY)  
GO/RT 3279 ISSUE 8



Stylish and functional, these high visibility track pants feature a fully elasticated waist with drawstring adjustment for maximum comfort and visibility. Roomy thigh pocket and reinforced waterproof knee patches give extra functionality to the wearer.



65% Polyester, 35% Cotton 300g  
Orange, Yellow S-XXL



### RT45 Hi-Vis Poly-cotton



#### Trousers RIS

EN ISO 20471 CLASS 2  
RIS-3279-TOM ISSUE 1 (ORANGE ONLY)  
GO/RT 3279 ISSUE 8



80% Polyester, 20% Cotton 280g  
Orange, Reg XS-5XL  
Orange, Tall S-XXL



### E041 Hi-Vis Poly-cotton



#### Trousers

EN ISO 20471 CLASS 1  
RIS-3279-TOM ISSUE 1 (ORANGE ONLY)  
GO/RT 3279 ISSUE 8 (ORANGE ONLY)



80% Polyester, 20% Cotton 280g  
Yellow, Reg S-3XL  
Yellow, Tall S-XXL  
Orange, Reg S-XXL



# High Visibility Workwear Range

## E044 Hi-Vis Shirt EN ISO 20471 CLASS 3



A modern and stylish hi-vis shirt with an ergonomic fit. This comfortable shirt hosts a range of features including twin-stitched critical seams, 2 chest pockets with secure button closure and durable breathable fabric, all contributing to the professional appearance of this garment.

65% Polyester, 35% Cotton 200g  
Yellow S-3XL



## The Perfect Fit Guaranteed

### 2 Ways to Wear



### Reversible garment

## RT44 Hi-Vis Reversible Bodywarmer RIS

EN ISO 20471 CLASS 2  
RIS-3279-TOM ISSUE 1 (ORANGE ONLY)  
GO/RT 3279 ISSUE 8



Outstanding quality, added warmth and great flexibility are the remarkable features of this reversible bodywarmer. This unique design offers two deep pockets on both the hi-vis orange side and the reversed grey side.

80% Polyester, 20% Cotton 280g  
65% Polyester, 35% Cotton 260g  
100% Polyester, 200g  
Orange S-3XL



## RT40



## E040

## RT40 Hi-Vis Poly-cotton Jacket RIS

EN ISO 20471 CLASS 3  
RIS-3279-TOM ISSUE 1 (ORANGE ONLY)  
GO/RT 3279 ISSUE 8



80% Polyester, 20% Cotton 280g  
Orange S-3XL

## E040 Hi-Vis Poly-cotton Jacket

EN ISO 20471 CLASS 3

80% Polyester, 20% Cotton 280g  
Yellow S-3XL





**Fabric Information**

High visibility fleece fabric is made from 100% polyester with a durable anti-pill finish, which ensures no unsightly bobbling on the surface of the fabric. The fleece fabric is soft to handle yet extremely robust. Suitable for all work environments.

**F300 Hi-Vis Mesh Lined Fleece**

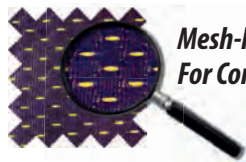


EN ISO 20471 CLASS 3  
RIS-3279-TOM ISSUE 1 (ORANGE ONLY)  
GO/RT 3279 ISSUE 8 (ORANGE ONLY)  
EN 14058 CLASS 2  
ANSI/ISEA 107-2015 TYPE R CLASS 3  
AS/NZS 4602.1:2011 CLASS D/N



Our F300 guarantees to keep you safe, visible and warm on cold windy days. Features include an internal patch pocket, two secure side pockets with zips and an elasticated drawcord waist for a more comfortable fit.

100% Polyester, Anti-Pill finish Fleece 300g  
 Body: 100% Polyester Mesh 60g  
 Sleeve: 100% Polyester Taffeta 60g  
 Yellow XS-5XL, Orange S-4XL



**Mesh-lined  
For Comfort**

Elasticated cuffs



**F301 Hi-Vis Two Tone Fleece**

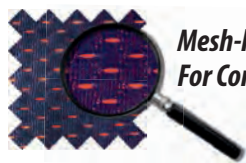


EN ISO 20471 CLASS 3  
RIS-3279-TOM ISSUE 1 (ORANGE ONLY)  
GO/RT 3279 ISSUE 8 (ORANGE ONLY)  
EN 14058 CLASS 2  
ANSI/ISEA 107-2015 TYPE R CLASS 3  
AS/NZS 4602.1:2011 CLASS D/N



Classically styled, the fit of the F301 is relaxed and sizing is generous. Fully certified to EN ISO 20471 Class 3, it features an anti-pill finish which ensures no unsightly bobbling and maintains the fleece's look. The orange/navy combination complies to RIS 3279 for the rail industry.

100% Polyester, Anti-Pill finish Fleece 300g  
 Body: 100% Polyester Mesh 60g  
 Sleeve: 100% Polyester Taffeta 60g  
 Yellow XS-4XL, Orange S-4XL



**Mesh-lined  
For Comfort**

Elasticated cuffs



# Triple Layer System

## Fabric Information

High visibility 3 layer softshell fabric is made from a 94% polyester /6% elastane outer layer, laminated to a TPU membrane, and bonded with a 100% polyester micro polar fleece inner layer. The outer layer is windproof, the mid layer provides water resistance while the inner layer adds warmth in cold temperatures yet offers excellent breathability.

## Advanced Triple Layer Technology



Contrast panels

S429

Hook and loop adjustable cuffs

### S429 Two Tone Softshell Jacket (3L)

EN ISO 20471 CLASS 3



This style is designed for ultimate visibility with a contemporary contrast look. Offering waterproof zip pockets and storm flap closure for enhanced protection. Lightweight, comfortable and durable this jacket is ideal for all types of environments.

94% Polyester, 6% Elastane 160g laminated to 100% Polyester Micro Polar Fleece 150g  
Total weight: 310g  
Yellow S-3XL

## Superior Breathability



## Micro polar fleece lined and bonded with shell

### S425 Hi-Vis Contrast Softshell (3L)

EN ISO 20471 CLASS 3



This innovative jacket offers a windproof, water-resistant breathable membrane with the added luxury of a bonded micro polar fleece. The dark contrast bottom panels make this style perfect for dirty environments where hi-vis protection is required.

94% Polyester, 6% Elastane 160g laminated to 100% Polyester Micro Polar Fleece 150g  
Total weight: 310g  
Yellow/Navy S-3XL



Radio loop

Phone pocket

Hook and loop adjustable cuffs

S425

Waterproof zips





## 2 Ways to Wear

**S428**

### Hi-Vis Softshell Jacket (3L)

EN ISO 20471 CLASS 2 (BODYWARMER)  
EN ISO 20471 CLASS 3 (FULL JACKET)  
RIS-3279-TOM ISSUE 1 (ORANGE ONLY)  
GO/RT 3279 ISSUE 8 (ORANGE ONLY)  
ANSI/ISEA 107-2015 TYPE R CLASS 2 (BODYWARMER)  
ANSI/ISEA 107-2015 TYPE R CLASS 3 (FULL JACKET)\*



Offering versatility and great functionality, this garment has you covered. It provides full coverage as a complete jacket in wet conditions. Or when worn with sleeves detached the bodywarmer is the layer of defence that works.

94% Polyester, 6% Elastane 160g laminated to 100% Polyester Micro Polar Fleece 150g. Total weight: 310g

Yellow S-4XL  
Orange S-4XL



Radio loop  
Zip out sleeves



Hook and loop adjustable cuffs

## Complete Comfort and Breathability

**S424**

### Hi-Vis Classic Softshell Jacket (3L)

EN ISO 20471 CLASS 3  
RIS-3279-TOM ISSUE 1 (ORANGE ONLY)  
GO/RT 3279 ISSUE 8 (ORANGE ONLY)



Classically styled, this garment gives you enhanced protection whatever the elements. With a mobile phone pocket and a radio loop as standard, this jacket is warm, comfortable and water repellent. The S424 is the perfect outdoor solution.

94% Polyester, 6% Elastane 160g laminated to 100% Polyester Micro Polar Fleece 150g  
Total weight: 310g  
Orange, Yellow S-3XL

Radio loop



Hook and loop adjustable cuffs



**1 B308 Xenon Rugby Shirt**

EN ISO 20471 CLASS 3

RIS-3279-TOM ISSUE 1 (ORANGE ONLY)

GO/RT 3279 ISSUE 8 (ORANGE ONLY)



65% Polyester, 35% Cotton 300g



100% Polyester Oxford 600D 210g

Orange/Black, Yellow/Black XS-3XL

RIS

3279

**2 B303 Hi-Vis Sweatshirt**

EN ISO 20471 CLASS 3

RIS-3279-TOM ISSUE 1 (ORANGE ONLY)

GO/RT 3279 ISSUE 8 (ORANGE ONLY)

ANSI/ISEA 107-2015 TYPE R CLASS 3

AS/NZS 4602.1:2011 CLASS D/N



65% Polyester, 35% Cotton 300g

Orange, Yellow XS - 5XL

Red S - 3XL



RIS

3279

ANSI/ISEA  
107  
TYPE R  
CLASS 3

**3 B306 Two Tone Hi-Vis Sweatshirt**

EN ISO 20471 CLASS 3

RIS-3279-TOM ISSUE 1 (ORANGE ONLY)

GO/RT 3279 ISSUE 8 (ORANGE ONLY)

AS/NZS 4602.1:2011 CLASS D/N



65% Polyester, 35% Cotton 300g

Orange/Navy, Yellow/Navy S-3XL

RIS

3279



NEW  
COLOUR

Knitted fabric with  
brushed backing

2

3



Fully elasticated waistband

**1 B315 Hi-Vis Two-Tone Zipped Hoodie**  
 EN ISO 20471 CLASS 3 SIZE L UPWARDS  
 EN ISO 20471 CLASS 2 SIZES S & M  
 ANSI/ISEA 107-2015 TYPE R CLASS 3 SIZE L UPWARDS\*  
 ANSI/ISEA 107-2015 TYPE R CLASS 2 SIZE S & M

ANSI/ISEA 107 TYPE R CLASS 3\*

24 CE

2

65% Cotton, 35% polyester 300g  
 Yellow/Black S-5XL

5XL

**2 B305 Hi-Vis Zip Front Hoodie**  
 EN ISO 20471 CLASS 3  
 RIS-3279-TOM ISSUE 1 (ORANGE ONLY)  
 GO/RT 3279 ISSUE 8 (ORANGE ONLY)

RIS 3279

24 CE

2

65% Cotton, 35% polyester 300g  
 Orange, Yellow S-3XL

**3 B304 Hi-Vis Hooded Sweatshirt**  
 EN ISO 20471 CLASS 3  
 RIS-3279-TOM ISSUE 1 (ORANGE ONLY)  
 GO/RT 3279 ISSUE 8 (ORANGE ONLY)  
 ANSI/ISEA 107-2015 TYPE R CLASS 3

RIS 3279

ANSI/ISEA 107 TYPE R CLASS 3

24 CE

1

65% Polyester, 35% Cotton 300g  
 Orange, Yellow S-4XL

4XL



Quality knitted rib finish

## SHORT SLEEVE POLO SHIRT

### Fabric Information - 100% Polyester, Bird Eye Knit

100% polyester bird-eye knit has excellent abrasion resistance, high tensile strength and low linting properties whilst also being highly breathable. Texpel wicking for superior comfort.



### Fabric Information - Cotton Comfort 55% Cotton, 45% Polyester

Cotton Comfort fabric is manufactured from a 55% cotton, 45% polyester fabric with cotton on the inside for comfort and polyester on the outside for maximum durability.



Contrast Tipping for Stylish Look



S477

RT22

S477

Side vents

## Perfect for Warmer Weather

### S477 Hi-Vis Short Sleeve Polo

EN ISO 20471 CLASS 2  
ANSI/ISEA 107-2015 TYPE R CLASS 2  
AS/NZS 4602.1:2011 CLASS D/N



Thoughtful details and a high quality construction mean our polo shirt is more comfortable and longer lasting than leading competitors. Ideal for warmer working conditions.

100% Polyester, Bird Eye Knit 175g  
X Yellow XS-7XL  
Y Red S-3XL



Certified after 50x washes

### RT22 Hi-Vis Short Sleeved Polo RIS

EN ISO 20471 CLASS 2  
GO/RT 3279 ISSUE 8  
RIS-3279-TOM ISSUE 1 (ORANGE ONLY)  
ANSI/ISEA 107-2015 TYPE R CLASS 2  
AS/NZS 4602.1:2011 CLASS D/N



Perfect for warm weather, the RT22 has a stylish contrasting grey collar ensuring dirt and stains are less noticeable and features HiVisTex reflective tape to keep you visible and safe.

100% Polyester, Bird Eye Knit 175g  
X Orange XS-5XL



Certified after 50x washes

Ladies Polo also available

LW72 279

Contrast Tipping for Stylish Look



**4XL**  
**XS**

**S479 Two-Tone Polo**

EN ISO 20471 CLASS 1  
ANSI/ISEA 107-2015 TYPE O CLASS 1



100% Polyester, Bird Eye Knit 175g  
Orange/Grey, Yellow/Grey  
S-3XL, Orange/Navy XS-3XL,  
Yellow/Navy XS-4XL

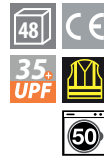
ANSI/ISEA  
107  
TYPE O  
CLASS 1



**S174**

**Two Tone Cotton Comfort Polo**

EN ISO 20471 CLASS 2  
RIS-3279-TOM ISSUE 1 (ORANGE ONLY)  
GO/RT 3279 ISSUE 8 (ORANGE ONLY)



55% Cotton, 45% Polyester, Knit 175g  
Orange/Navy, Yellow/Navy S-3XL

**RIS**  
**3279**

Contrast Tipping for Stylish Look



Cotton mix fabric for extra comfort

**S177 Hi-Vis Ribbed Polo Shirt**

EN ISO 20471 CLASS 2



75% Polyester, 25% Cotton, Drop Needle Knit 190g  
Yellow M-XXL

**4XL**  
**XS**



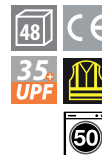
Side vents



**S171**

**Cotton Comfort Polo**

EN ISO 20471 CLASS 2  
RIS-3279-TOM ISSUE 1 (ORANGE ONLY)  
GO/RT 3279 ISSUE 8 (ORANGE ONLY)



55% Cotton, 45% Polyester, Knit 175g  
Orange, Yellow XS-4XL

**RIS**  
**3279**

## LONG SLEEVE POLO SHIRT

Contrast collar with fluorescent stripe

**NEW**



Side vents

# Complete Comfort and Breathability



### S271 Long Sleeved Cotton Comfort



**Polo**

EN ISO 20471 CLASS 3

RIS-3279-TOM ISSUE 1 (ORANGE ONLY)



Our long sleeved polo shirt uses cotton comfort fabric for ultimate durability, comfort and breathability. HiVisTex tape provides excellent visibility.



55% Cotton, 45% Polyester, Knit 175g  
Orange, Yellow S-3XL

**Moisture wicking and breathable fabric**

Contrast Tipping for Stylish Look

Ribbed cuffs



### S277 Hi-Vis Long Sleeved Polo

EN ISO 20471 CLASS 3

RIS-3279-TOM ISSUE 1 (ORANGE ONLY)

GO/RT 3279 ISSUE 8 (ORANGE ONLY)

ANSI/ISEA 107-2015 TYPE R CLASS 3



100% Polyester, Bird Eye Knit 175g  
Orange, Yellow S-4XL

**4XL**



### S279 Two-Tone Long Sleeved Polo

EN ISO 20471 CLASS 2

RIS-3279-TOM ISSUE 1 (ORANGE ONLY)

GO/RT 3279 ISSUE 8 (ORANGE ONLY)



100% Polyester, Bird Eye Knit 175g  
Orange/Navy, Yellow/Navy S-3XL





**LONG SLEEVE T-SHIRT**

**NEW**



**S178 Hi-Vis Long Sleeved T-Shirt**  
 EN ISO 20471 CLASS 3  
 RIS-3279-TOM ISSUE 1 (ORANGE ONLY)



100% Polyester, Bird Eye Knit 150g  
 Orange, Yellow S-3XL



**NEW**



**S191 Hi-Vis Long Sleeve Pocket T-Shirt**  
 EN ISO 20471 CLASS 3  
 ANSI/ISEA 107-2015 TYPE R CLASS 3  
 RIS-3279-TOM ISSUE 1 (ORANGE ONLY)



100% Polyester, Bird Eye Knit 150g  
 Orange, Yellow S-5XL



**5XL**



**S278 Hi-Vis Long Sleeved T-shirt**  
 EN ISO 20471 CLASS 3  
 RIS-3279-TOM ISSUE 1 (ORANGE ONLY)  
 GO/RT 3279 ISSUE 8 (ORANGE ONLY)  
 ANSI/ISEA 107-2015 TYPE R CLASS 3



55% Cotton, 45% Polyester, Knit 175g  
 Orange, Yellow S-3XL



**NEW**



**S579 Day-Vis Pocket Long Sleeve T-Shirt**  
 COMPLETE DAY VISIBILITY



100% Polyester, Bird Eye Knit 150g  
 Orange, Yellow S-5XL

**5XL**



**SHORT SLEEVE T-SHIRT**

**NEW**



**RT23**

**S478**

**TEXPEL**  
WICKING



**TEXPEL**  
WICKING

**S478 Hi-Vis T-Shirt**  
EN ISO 20471 CLASS 2  
RIS-3279-TOM ISSUE 1 (ORANGE ONLY) : RT23  
GO/RT 3279 ISSUE 8 : RT23  
ANSI/ISEA 107-2015 TYPE R CLASS 2  
AS/NZS 4602.1:2011 CLASS D/N

48 CE  
50+ UPF  
50

100% Polyester, Bird Eye Knit 150g  
S478: Yellow XS-5XL  
RT23: Orange XS-5XL  
S478: Red S-3XL

RIS 3279  
ANSI/ISEA 107 TYPE R CLASS 2  
5XL XS

**S190 Hi-Vis Pocket T-Shirt**  
EN ISO 20471 CLASS 2  
RIS-3279-TOM ISSUE 1 (ORANGE ONLY)  
ANSI/ISEA 107-2015 TYPE R CLASS 2

48 CE  
1 50+ UPF

100% Polyester, Bird Eye Knit 150g  
Orange, Yellow S-5XL

RIS 3279  
ANSI/ISEA 107 TYPE R CLASS 2  
5XL



**NEW**

**COTTON COMFORT**

**S170 Cotton Comfort Short Sleeve T-Shirt**  
EN ISO 20471 CLASS 2  
RIS-3279-TOM ISSUE 1 (ORANGE ONLY)  
ANSI/ISEA 107-2015 TYPE R CLASS 2

48 CE  
35+ UPF  
50

55% Cotton, 45% Polyester, Knit 175g  
Orange, Yellow S-5XL

RIS 3279  
ANSI/ISEA 107 TYPE R CLASS 2  
5XL



**NEW COLOUR** **NEW COLOUR**

**S378 Two Tone T-Shirt**  
EN ISO 20471 CLASS 2  
RIS-3279-TOM ISSUE 1 (ORANGE ONLY)  
GO/RT 3279 ISSUE 8 (ORANGE ONLY)

48 CE  
50+ UPF  
50

100% Polyester, Bird Eye Knit 150g  
Orange/Grey, Orange/Navy,  
Yellow/Grey, Yellow/Navy S-3XL

RIS 3279

**TEXPEL**  
WICKING

Exclusive  
Air-Flow Mesh  
Panels

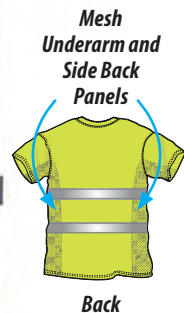


### S172 Cotton Comfort T-shirt

EN ISO 20471 CLASS 2  
RIS-3279-TOM ISSUE 1 (ORANGE ONLY)  
GO/RT 3279 ISSUE 8 (ORANGE ONLY)



55% Cotton, 45% Polyester, Knit 175g  
Orange S-3XL, Yellow XS-3XL



### C394 Mesh T-shirt

EN ISO 20471 CLASS 2  
RIS-3279-TOM ISSUE 1 (ORANGE ONLY)  
GO/RT 3279 ISSUE 8 (ORANGE ONLY)



55% Cotton, 45% Polyester, Knit 175g  
100% Polyester Mesh 125g  
Orange, Yellow S-3XL



### S173 Two Tone Cotton Comfort T-shirt

EN ISO 20471 CLASS 2  
RIS-3279-TOM ISSUE 1 (ORANGE ONLY)  
GO/RT 3279 ISSUE 8 (ORANGE ONLY)



55% Cotton, 45% Polyester, Knit 175g  
Orange/Navy, Yellow/Navy S-3XL



### S578 Day-Vis Pocket Short Sleeve T-Shirt

COMPLETE DAY VISIBILITY



100% Polyester, Bird Eye Knit 150g  
Orange, Yellow S-5XL



# LED



The Portwest LED High Visibility collection uses innovative integrated and compatible LED's to offer enhanced visibility. The bright fluorescent fabric combined with HiVisTex retro reflective tape and LED lights to offer the highest level of visible protection in low light conditions.



RoHS - Restriction Of Hazardous Substances  
The 'Restriction of Hazardous Substances' directive is put in place to ensure all components of our electrical products will not endanger the user. All our lights are tested to this standard with compliance.

### Brightness



Brightness is measured in Lumens (LM). This icon denotes how many Lumens each light can produce allowing you to pick the right light for the right job.

### Run time



Run time means the amount of time you can expect to get from your light from fully powered to empty. This allows you to choose the right ratio of brightness to run time to suit you best.

### Compatible Attachable LED Lights Available (Sold Separately):

**L474**

#### Hi-Vis Versatile Vest

EN ISO 20471 CLASS 2  
RIS-3279-TOM ISSUE 1 (ORANGE ONLY)



100% Polyester Warp Knit 125g  
Orange, Yellow S/M-XXL/3XL



Multi-function loop at rear of vest



**Multi-function loops suitable for LED, radio, pen or glasses attachment**



### Other LED Accessories Available:



## LED VEST

### L470 Vega LED Vest

EN ISO 20471 CLASS 2

RIS-3279-TOM ISSUE 1 (ORANGE ONLY)

60  
10



Combining innovative integrated LED lights with high visibility material and HiVisTex reflective tape, this vest offers excellent visibility in all lighting conditions.



- Brightness: 25 lumens
- Run time: 80 hours
- Batteries: AA x 2 (not included)
- Functions: High / Fast flash / Slow flash
- Visible up to: 500 metres

100% Polyester Warp Knit 125g

Orange, Yellow S/M-XXL/3XL



**Built in  
LEDS**



Reflective  
tape

Hook and  
loop closure



### L476 Orion LED Executive Vest

EN ISO 20471 CLASS 2

RIS-3279-TOM ISSUE 1 (ORANGE ONLY)

48



This executive vest features innovative integrated LED lights to maximise visibility. Multiple pockets afford excellent personal security. A clear ID pocket for security passes and cards compliments this unique garment.

- Brightness: 25 lumens
- Run time: 80 hours
- Batteries: AA x 2 (not included)
- Functions: High / Fast flash / Slow flash
- Visible up to: 500 metres

100% Polyester Warp Knit 125g

Orange, Yellow S-3XL



**Built in  
LEDS**



Reflective  
tape

Front zip  
opening



# VEST-PORT™

## Fabric Information

The Vest-Port fabric is made from a durable 100% polyester warp knitted fabric which is fully certified to the latest high visibility standard. The fabric is lightweight, comfortable and highly breathable. It can be worn over layers to ensure total visibility without adding bulk.

## Fleece Backing for Extra Warmth



HA14 349

Lining Fabric

S375

Dual ID holder

B123 344

## S375 Vest-Port Thermal Waistcoat

EN ISO 20471 CLASS 2



The Vest-Port Thermal Waistcoat is the next generation in Vest-Port vest design. This style bonds 100% polyester anti-pill fleece to a 100% polyester warp knitted fabric. The result of this approach offers an advanced and ingenious fabric that is durable, dependable and provides high levels of warmth and comfort for colder working environments, perfect for airports or warehouses. All necessary features are catered for, by offering a multitude of pockets, a dual ID holder, radio loop and smartphone pocket.

100% Polyester, Warp Knit 125g, bonded to 100% Polyester Fleece 150g  
Total weight: 275g  
Yellow S-3XL

**Best Winter Seller**

## EXECUTIVE VEST

### S376

#### Prague Executive Vest

EN ISO 20471 CLASS 2

100% Polyester, Warp Knit 125g  
Yellow/Orange S-3XL



Radio loop

ID card holder

Spacious pockets

Front zip opening



Radio loop

Front zip opening



### C276 Paris Executive Vest

EN ISO 20471 CLASS 1

Stand out in a vibrant two-tone high visibility vest. This style offers a range of extremely useful features in a choice of vivid colours. Perfect for corporate branding.

100% Polyester, Warp Knit 125g  
Yellow/Navy, Yellow/Red, Yellow/Royal S-3XL





## C476 Warsaw Executive Vest

EN ISO 20471 CLASS 1  
AS/NZS 4602.1:2011 CLASS D/N



This two-tone option in our executive vest range features several practical pockets, a dual ID holder, d-ring and a radio loop. It is available in a range of contrasting colour combinations to suit the increasing demand in the workplace.

100% Polyester, Warp Knit 125g  
Yellow/Navy XS-5XL  
Orange/Navy, Yellow/Black,  
Yellow/Royal S-3XL



## S476 Berlin Executive Vest

EN ISO 20471 CLASS 2  
RIS-3279-TOM ISSUE 1 (ORANGE ONLY)  
GO/RT 3279 ISSUE 8 (ORANGE ONLY)  
ANSI/ISEA 107-2015 TYPE R CLASS 2  
AS/NZS 4602.1:2011 CLASS D/N



Revolutionary in its design, the executive vest combines the light weight of a waistcoat with the practicality of pockets for those situations when a jacket may be too warm. A clear ID pocket for security passes and cards complements this unique garment.

100% Polyester, Warp Knit 125g  
Yellow XS-7XL, Orange XS-5XL  
Red S-3XL





MESH AIR is a trademark of Portwest.

### Fabric Information

The Portwest high visibility MeshAir fabric is lightweight and fully breathable making it ideal for working in warmer conditions. The open mesh fabric uses an advanced open knit construction which provides full airflow around the body and excellent ventilation. The MeshAir high visibility fabric is fully tested and certified to EN20471.

### MeshAir aerated mesh



### C370 MeshAir Band & Brace Vest

EN ISO 20471 CLASS 2  
RIS-3279-TOM ISSUE 1 (ORANGE ONLY)

100  
10



MeshAir Hi-Vis 100% Polyester Mesh 150g  
Orange, Yellow S/M-4XL/5XL



### C376 Athens MeshAir Executive Vest

EN ISO 20471 CLASS 2  
RIS-3279-TOM ISSUE 1 (ORANGE ONLY)

60  
10



MeshAir Hi-Vis, 100% Polyester Mesh 150g  
Orange, Yellow, S-3XL



Superior  
Breathability



110

### Cooling mesh upper torso

NEW  
COLOUR

### C496

### Madrid Executive Mesh Vest

EN ISO 20471 CLASS 1  
ANSI/ISEA 107-2015 TYPE R CLASS 2

- 100% Polyester, Warp Knit 125g
- 100% Polyester Mesh110g
- Orange, Yellow S-3XL

Radio loop



### C494

### Hi-Vis Half Mesh Vest

EN ISO 20471 CLASS 1  
ANSI/ISEA 107-2015 TYPE R CLASS 2

- 100% Polyester, Warp Knit 125g
- 100% Polyester Mesh, 110g
- Orange, Yellow, S/M-4XL/5XL



### Great Value Guaranteed

### F171

### Mesh Vest

- 100% Polyester Mesh 60g
- Yellow, S/M-XX-L/3XL



100  
10



# Lightweight Comfort - Uncompromising Protection



Hook and loop closure



Hook and loop closure

## C470 Hi-Vis Two Band & Brace Vest

EN ISO 20471 CLASS 2  
RIS-3279-TOM ISSUE 1 (ORANGE ONLY)  
GO/RT 3279 ISSUE 8 (ORANGE ONLY)  
ANSI/ISEA 107-2015 TYPE R CLASS 2  
AS/NZS 4602.1:2011 CLASS D/N



100% Polyester, Warp Knit 125g  
Orange, Yellow S/M-6XL/7XL  
Red S/M-XXL/3XL



## C472 Hi-Vis One Band & Brace Vest

EN ISO 20471 CLASS 2  
RIS-3279-TOM ISSUE 1 (ORANGE ONLY)  
GO/RT 3279 ISSUE 8 (ORANGE ONLY)  
ANSI/ISEA 107-2015 TYPE R CLASS 2



100% Polyester, Warp Knit 125g  
Orange, Yellow S/M-XXL/3XL



Hook and loop closure



Front zip opening

## C481 Two Tone Hi-Vis Vest

EN ISO 20471 CLASS 2



100% Polyester, Warp Knit 125g  
Yellow/Orange S/M-XXL/3XL

## C375 Hi-Vis Zipped Band & Brace Vest

EN ISO 20471 CLASS 2  
RIS-3279-TOM ISSUE 1 (ORANGE ONLY)



100% Polyester, Warp Knit 125g  
Orange, Yellow S-3XL



## VEST WITHOUT SHOULDER TAPE

**C474**

### Hi-Vis Two Band Vest

EN ISO 20471 CLASS 2  
RIS-3279-TOM ISSUE 1  
(ORANGE ONLY)  
GO/RT 3279 ISSUE 8 (ORANGE ONLY)

100% Polyester,  
Warp Knit 125g  
Orange, Yellow  
S/M-4XL/5XL  
Red S/M-XXL/3XL

5XL

RIS  
3279



Hook and  
loop closure



Logos are fully  
washable

**C405**

### VISITOR Hi-Vis Vest

EN ISO 20471 CLASS 2

100% Polyester,  
Warp Knit 125g  
Yellow S/M-XXL/3XL



Back

Front

**C484**

### Hi-Vis Two Tone Vest

EN ISO 20471 CLASS 1

100% Polyester,  
Warp Knit 125g  
Yellow/Navy,  
Yellow/Royal  
S/M-XXL/3XL

Hook and  
loop closure



KINGSMILL 245

Dual ID  
holder



Durable  
polycotton fabric

Front zip opening

**C497**

### Hi-Vis Polycotton Vest

EN ISO 20471 CLASS 2  
RIS-3279-TOM ISSUE 1 (ORANGE ONLY)  
GO/RT 3279 ISSUE 8 (ORANGE ONLY)



Kingsmill 65% Polyester, 35% Cotton 245g  
Orange, Yellow M-3XL

RIS  
3279

Dual ID holder



Hook and  
loop closure

NEW  
COLOUR

**C475**

### Hi-Vis Vest - Dual ID Holder

EN ISO 20471 CLASS 2  
RIS-3279-TOM ISSUE 1 (ORANGE ONLY)  
GO/RT 3279 ISSUE 8 (ORANGE ONLY)



100% Polyester, Warp Knit 125g  
Orange, Yellow S/M-XXL/3XL

RIS  
3279



# VEST-PORT™

## Vest With Sleeves

### Superior Safety Vests

**C471**

#### Hi-Vis Short Sleeved Vest

EN ISO 20471 CLASS 3 SIZE L/XL UPWARDS  
EN ISO 20471 CLASS 2 SIZE S/M



A short sleeved vest for additional high visibility coverage, while keeping the wearer cool. It uses lightweight fabric and HiVisTex reflective tape.

**100% Polyester, Warp Knit 125g**  
**Yellow S/M-XXL/3XL**



Hook and loop closure



Hook and loop adjustable cuffs

Front zip opening

**C473**

#### Hi-Vis Two Band & Brace Jacket

EN ISO 20471 CLASS 3  
RIS-3279-TOM ISSUE 1 (ORANGE ONLY)  
GO/RT 3279 ISSUE 8 (ORANGE ONLY)



This lightweight long sleeved vest will keep wearers safe and seen. This versatile garment provides ultimate coverage with minimal weight.

**100% Polyester, Warp Knit 125g**  
**Orange, Yellow S/M-XXL/3XL**

**S475**

#### Hi-Vis Executive Jacket

EN ISO 20471 CLASS 3  
RIS-3279-TOM ISSUE 1 (ORANGE ONLY)  
GO/RT 3279 ISSUE 8 (ORANGE ONLY)



The definitive Original Executive design is available in a long sleeved version. With premium dual ID holder and multi-pocket features, it is an excellent choice for optimum coverage.

**100% Polyester, Warp Knit 125g**  
**Orange, Yellow S-3XL**



## Huge Choice of Superb Colourways

### F474 Iona Vest



This safety vest offers visibility with function. A practical addition to any workplace, it offers enhanced visibility at all times. Available in a wide range of colours.



100% Polyester, Warp Knit 125g  
 Bottle Green, Red, Navy, White, Pink, Royal S/M - XXL/3XL

**NEW COLOUR**

## Colour Code Your Workplace



7 pockets



## Enhanced Visibility for Maximum Safety

### F476 Iona Executive Vest



In a range of four great colours this superior vest option offers a Dual ID window, radio loop and multi-functional pockets as standard. Perfect for corporate branding.



100% Polyester, Warp Knit 125g  
 Bottle Green, Navy, Red, Royal S-3XL

## Extensive Range of Colours

## RIS VEST



## RIS Approved Hi-Vis



### RT20 Hi-Vis Long Vest RIS

EN ISO 20471 CLASS 2

RIS-3279-TOM ISSUE 1 (ORANGE ONLY)

GO/RT 3279 ISSUE 8



This specialist anti-tangle vest has been designed as a comfortable and safe garment for track side use. Features of this garment include an elasticated back and zip fastener.

100% Polyester, Warp Knit 160g  
 Orange S-4XL



### RT26 Executive Rail Vest RIS

EN ISO 20471 CLASS 2

RIS-3279-TOM ISSUE 1 (ORANGE ONLY)

GO/RT 3279 ISSUE 8

EN 510



This executive vest boasts exceptional features such as the ID pocket, two side pockets and a D ring with the added benefit of conforming to RIS requirements.

100% Polyester Warp Knit 130g  
 Orange S-XXL

## JUNIOR VEST



## Keeping Children Safe and Visible



### JN15 Junior Colour Bright Vest

EN 1150

This Junior Vest features a youthful design by using angled reflective tape and contrast coloured binding. Available in a wide range of colours.



100% Polyester Warp Knit 125g  
 Orange, Yellow  
S (Age 4-6) M (Age 7-9) L (Age 10-12)  
 Lime, Pink  
S (Age 4-6) M (Age 7-9) L (Age 10-12)

### JN14 Hi-Vis Junior Vest

EN 1150

100% Polyester, Warp Knit 125g  
 Yellow  
S (Age 4-6)  
M (Age 7-9)  
L (Age 10-12)



JN14

# VEST-PORT™

**Extremely Breathable Ideal for Hot Climates**



Multiple storage pockets

Concealed stud front



Elasticated back waist

Side access pockets

**C052 Hi-Vis Coat**  
EN ISO 20471 CLASS 3



This lightweight classic style coat is an effective solution to all your high visibility needs. Practical pockets and easy stud front fastening ensures maximum comfort and versatility.



100% Polyester, Warp Knit 135g  
Yellow M-XXL



**C485 Hi-Vis Coverall**  
EN ISO 20471 CLASS 3



Lightweight and easily packable for convenience, this coverall provides complete high visibility protection for anyone working near roads, motorways or traffic. Benefits from having side access pockets to inner trousers and full front zip.



100% Polyester, Warp Knit 135g



Yellow S-XXL



## HIGH-VISIBILITY ACCESSORIES

### Dual ID Holder

This new revolutionary design from Portwest allows the use of both portrait and landscape ID card display.

#### Anti-entanglement benefit

No need for hanging plastic holders, lanyards, clips or tags

#### Patent Pending



#### ID20 Dual ID Holder - Sew-On



Clear PVC plastic

#### ID30 Dual ID Holder - Heatseal



Clear PVC plastic

Heat-sealed EN ISO 20471 reflective tape for added visibility



#### HV56 Hi-Vis Trousers Braces

EN 13356

Adjustable elasticated braces, with four clip attachment points for secure fitting to any trousers. Using high visibility colour and reflective print for excellent visibility.

100  
10

EN  
13356

100% Polyester  
Yellow One Size



#### HV55 Hi-Vis Strap

EN 13356

120  
20

Adjustable Hook & Loop fastening for flexible sizing. Belt & shoulder band width is 7.5cm, providing a robust fit. Easy to wear and easy to remove. 3cm wide reflective tape for increased visibility.

100% Polyester, PVC Coated 190g  
Orange, Yellow One Size



#### HB10 Hi-Vis Baseball Cap

100  
10

65% Polyester, 35% Cotton 245g  
Orange/Navy, Yellow/Navy One Size



#### HB11 Reflective Baseball Cap

100  
10

100% Polyester  
Silver One Size



#### HV50 Hi-VisTex Reflective Tape

100m

EN ISO 20471 CLASS 2



Woven Polyester-Cotton  
Silver Grey - Length:  
100m, Width: 50mm



#### HF50 Hi-VisTex Flame Resistant

Reflective Tape 100m

EN ISO 20471 CLASS 2

EN ISO 14116



Woven Polyester-Cotton  
Silver Grey, Length  
100m, Width 50mm



# FLAME RESISTANT RANGE

This industry leading range provides multi standard protection for hazardous environments. These state of the art products are the result of years of experience combined with advanced technology and market research. Commitment to the health, safety and comfort of the wearer can be seen in the wide range of products suitable for all climates and end uses.

## 100 *Styles*

### Conversion

To convert grams per square meter to ounces per square yard: x 0.0295

To convert ounces per square yard to grams per square meter: x 33.91

1 Yd<sup>2</sup>

1 M<sup>2</sup>

- ARAFLAME™
- MODAFLAME™
- BIZFLAME™
- BIZWELD™
- SEALTEX™ FLAME
- BIZFLAME™ WILDLAND FIRE
- SAFEWELDER



# 5 Industry Leading Flame Resistant Solutions



Araflame is an inherently permanent flame resistant aramid. It is extremely flame resistant, lightweight, offers high tensile strength and full anti static protection.



Modacrylic fibres provide inherent flame resistance, excellent dimensional stability and high elastic properties which allow garments to retain their shape. High cotton content gives the fabric comfort, warmth and a soft handle. Carbon fibre woven into the fabric gives inherent anti static properties.



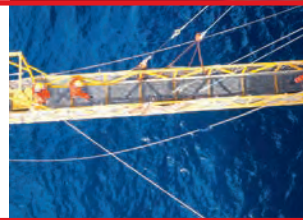
Bizflame is a proprietary flame resistant finish which, when applied to fabric, gives excellent flame resistance. All of the Bizflame fabrics use the highest quality raw materials, ensuring the perfect balance of comfort and strength.



Bizweld 100% cotton fabric is completely flame resistant. All Bizweld garments offer excellent flame and molten splash protection for welding, foundries and allied industries.



Sealtex Flame fabric is constructed from a flame resistant, PU coated, polyester fabric 260g. Lightweight and durable Sealtex Flame is designed to offer full protection against adverse weather conditions and flame hazards.



# ARAFLAME™

## ULTIMATE INHERENT FLAME PROTECTION



### Araflame Plus 150g, 200g

Constructed from 93% Meta-aramid which provides outstanding heat and flame resistance combined with 5% Para-aramid for strength. Araflame Plus is inherently anti static by incorporating 2% carbon fibre.

Araflame Plus is an inherently flame resistant fabric developed for excellence, using innovative technology. The FR properties are permanent and will not diminish with washing.

- Flame Resistant certification and standards exceed international safety standards for flame, electric arc and welding protection (EN ISO 11612, ASTM F1959 & EN ISO 11611).
- Inherently Flame Resistant Araflame guaranteed to hold its flame resistant properties indefinitely after multiple washes.
- Extremely robust Araflame will not ignite, melt or shrink when exposed to heat.
- Anti Static- Provides anti static properties exceeding EN1149-5.
- Exceptional tensile strength ensures the fabric can withstand the most challenging work environments.
- Preshrunk and colour fastness, this fabric has high shrink resistance and won't lose its colour after multiple washes.
- Outstanding results for burn injury prediction when tested to the optional test ISO 13506 under EN ISO 11612.

### **Araflame - World Class Aramid Premium FR Protection**

Araflame Plus has been tested to the highest international standards and outperforms market leading brands in like for like comparison tests.

# MODA FLAME™

## PREMIUM INHERENT FLAME PROTECTION



### Inherently Flame Resistant Modaflake 280g

Modaflake is an inherently flame resistant fabric. This high specification fabric is constructed from an inherently flame resistant yarn, composed of a special blend of 60% modacrylic fibre, 39% cotton and 1% carbon fibre.

Available in  
Fabrics Certified  
to EN ISO 20471  
Standard



### Modaflake Knit 200g, 300g

Constructed from an inherently fire resistant yarn of 60% modacrylic, 39% cotton and 1% carbon fibre. Tested to exceed the required EN Standards, the Modaflake Knit range is strong, durable and highly innovative.



### High Visibility Modaflake 210g, 280g, 300g

Available in both woven and knit fabrics to EN ISO 20471 standard. Constructed from an inherently fire resistant yarn of 60% modacrylic, 39% cotton and 1% carbon fibre.



### Hi-Vis Orange Modaflake HVO Woven 300g

Constructed from 61% modacrylic, 18% viscose, 15% polyester, 5% aramid, 1% carbon fibre, Modaflake HVO woven uses advanced technology to provide protection in a multi-risk environment.



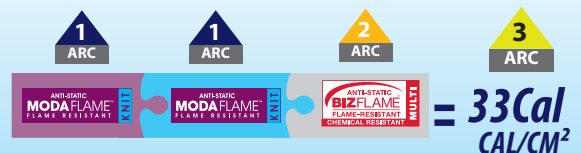
### Modaflake HVO Knit 220g

Constructed from 66% Modacrylic, 32% Polyester and 2% Carbon Fibre, 220g. Modaflake HVO Knit provides inherent flame resistance and anti static protection. The high performance fibres are blended without any chemical treatment giving Modaflake HVO Knit it's unparalleled soft, natural touch and appearance.



## Combined Ebt/ATPV Ratings

Fabrics can be layered to achieve an overall Arc Thermal Performance Value (ATPV) or Energy Break open threshold (Ebt) Rating. For example, thermals may achieve an Ebt of 4.3 Cal/cm<sup>2</sup>, and an outer fabric may achieve an ATPV of 13.6Cal/cm<sup>2</sup>. However the combination ATPV will be greater than the sum of the two single layers, as the air gap between the two layers affords the wearer additional protection.



# BIZFLAME™

## INNOVATIVE FLAME PROTECTION



 EN ISO 11612
  EN ISO 11612
  EN 1149
  IEC 61482-2
  ASTM F1959/ NFPA 2112

### Flame Resistant Bizflame Plus

350g, 280g, 210g

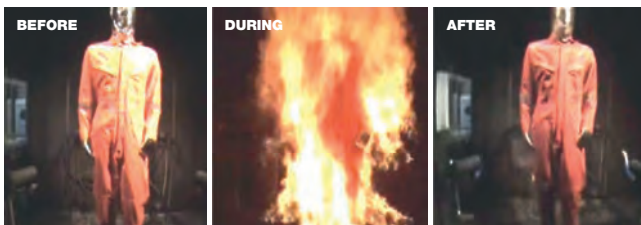
Bizflame is a proprietary flame resistant finish which, when applied to fabric, gives excellent flame resistance. All of the Bizflame fabrics use the highest quality raw materials, ensuring the perfect balance of comfort and strength.

- High ATPV on Bizflame Plus fabric provides ARC 2 (13.6 CAL/CM2) electric arc protection.
- Outstanding results for burn injury prediction when tested to the optional test ISO 13506 under EN ISO 11612.
- Anti-Static carbon fibres provide built in anti-static properties exceeding EN1149-5 standard.
- Exceptional tensile strength ensures the fabric can withstand superior job-rated abrasion and tear resistance.
- High level of breathability and moisture wicking properties provides lasting comfort for the wearer.

#### Burn Injury Prediction Testing:

Testing Bizflame fabric (style FR50) to ISO 13506 at BTTG Fire Technology Services (four seconds).

Testing is carried out after exposure to flame engulfment for a period of four seconds on a fully clothed manikin with data collected for 60 seconds after the burn.



#### Other Bizflame Fabrics:



99% Cotton, 1% Carbon Fibre



100% Cotton



80% Cotton, 19% Polyester, 1% Antistatic Carbon Fibre, two-layer PTFE lamination, PU Coated, Fluorocarbon Finish



80% Cotton, 19% Polyester, 1% Carbon Fibre



100% Polyester, Warp Knitted



98% Polyester, 2% Antistatic Carbon Fibre, Breathable, PU Coated



88% Cotton, 12% Nylon



98% Polyester 2% Carbon Fibre, Warp Knitted



99% Cotton, 1% Carbon Fibre

# BIZWELD™

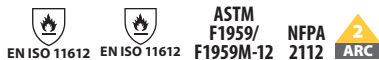
## VERSATILE FLAME AND WELDING PROTECTION

### Flame Resistant Bizweld

**Bizweld** is a proprietary, flame resistant, 100% high grade cotton fabric. This is a high technology fabric developed for maximum performance, comfort and durability

**Bizweld** is made from 100% ringspun cotton yarns offering excellent pilling resistance while guaranteeing comfort, warmth and protection for the wearer. The finish applied to the fabric ensures it will hold its flame resistant protective properties for at least **50 washes** (EN standards) and **100 washes** (US standards)

**Bizweld** fabric is independently tested & certified to exceed the international safety standards for flame and welding protection. This fabric is globally available and is worn with confidence by thousands of workers across the oil & gas, welding and allied industries.



### Flame Resistant Bizweld 330g

- Outstanding flame-resistant performance exceeds international safety standards for flame & welding protection ( EN ISO 11612 & EN ISO 11611)
- Provides exceptional protection against radiant, convective and contact heat as well as molten metal splashes.
- Provides ARC 2 (11.2 CAL/CM2) electric arc protection.
- Provides a high level of protection against molten metal splashes. Ideal for welding and allied processes.
- Outstanding results for burn injury prediction when tested to the optional test ISO 13506 under EN ISO 11612.





PS91 537

# Flame Resistant Electric Arc Range

Arc flash incidents can occur in any industry where electrical equipment is being worked on or operated. Up to 80% of all electrical injuries are burns relating to arc flash.

Consequences can be catastrophic for workers and businesses alike and it is therefore vital that adequate risk control is in place. This includes ensuring that all personnel working in or near risk areas are wearing the correct PPE. At Portwest we understand the importance of hazard protection and have over sixty products in our range which offer protection against the thermal energy created by an electric arc.

FR55 162

See more ARC protective products in our PPE Range



PS91 537



PS90 537

ARC 1



Min cal rating 4 cal/cm<sup>2</sup>

OR



Class 1



AF53

AF73



AF91



FR14



FR74



FR77



FR11



FR10



FR76



FR03



FR19



FR18

ANTI-STATIC ARAFLAME FLAME RESISTANT

ANTI-STATIC ARAFLAME FLAME RESISTANT

ANTI-STATIC MODAFLAME FLAME RESISTANT

# ARC 2

# 2 ARC

Min cal rating 8 cal/cm<sup>2</sup> OR



# Class 1

**AF22**

**MV28**

**MV25**

**MV26**

**MV27**

**MX28**

**MV91**

**MV35**

**MV36**

**MV29**

**FR72**

**FR12**

**FR09**

**FR81**

**FR60**

**FR61**

**FR62**

**FR63**

**FR80**

**FR79**

**FR78**

**FR25**

**FR26**

**FR27**

**FR55**

**FR56**

**FR57**

**FR50**

**FF50**

**FR93**

**FR89**

**FR01**

**FR02**

**BIZ1**

**BIZ5**

**BIZ6**

**BIZ2**

**BIZ4**

**BIZ30**

**BIZ31**

**BIZ12**

**BIZ40**

# ARC 3

# 3 ARC

Min cal rating 25 cal/cm<sup>2</sup> OR



# Class 1

## Combined Ebt/ATPV Ratings

Garments can be layered to achieve an overall Arc Thermal Performance Value (ATPV) or Energy Break open threshold (Ebt) Rating. For example, thermals may achieve an Ebt of 4.3 cal/cm<sup>2</sup>, and an outer coverall may achieve an ATPV of 13.6cal/cm<sup>2</sup>. However the combination ATPV will be greater than the sum of the two single layers, as the air gap between the two layers affords the wearer additional protection.



**FR60 + FR10/FR11 + FR14 = 33Cal**










**3  
ARC  
CAL/CM<sup>2</sup>**

ANTI-STATIC BIZFLAME FLAME-RESISTANT	+	ANTI-STATIC MODAFLAME FLAME-RESISTANT	+	ANTI-STATIC MODAFLAME FLAME-RESISTANT
FR61 + FR62		FR10 + FR11		FR14
FR61 + FR63		FR10 + FR11		FR14
FR80		FR10 + FR11		FR14
FR50		FR10 + FR11		FR14
FF50		FR10 + FR11		FR14
FR55 + FR56		FR10 + FR11		FR14
FR55 + FR57		FR10 + FR11		FR14
FR25 + FR26		FR10 + FR11		FR14
FR25 + FR27		FR10 + FR11		FR14

# Fabric Reference Chart

BRAND		STYLES	COMPOSITION	WEIGHT	FR properties of fabric retained; wash cycles:	
INHERENTLY FLAME RESISTANT		AF22	93% Meta-aramid, 5% Para-aramid, 2% Carbon Fibre	200gm	Inherent	
		AF53, AF73	93% Meta-aramid, 5% Para-aramid, 2% Carbon Fibre	150g	Inherent	
		AF91	57% Aramid, 42% Polyester, 1% Antistatic Carbon Fibre	260gm	Inherent	
		MV28, MV25, MV26, MV27	60% Modacrylic, 39% Cotton, 1% Carbon Fibre	280gm	Inherent	
		MX28	60% Modacrylic, 39% Cotton, 1% Carbon Fibre	280gm	Inherent	
		MV29, MV35, MV36, MV91	61% modacrylic, 18% viscose, 15% polyester, 5% aramid, 1% carbon fibre	300gm	Inherent	
		FR76	66% Modacrylic, 32% Polyester, 2% Carbon fibre	220gm	Inherent	
		SK20	48% Modafame, 32% Cotton, 20% Polyester, Knit	280gm	Inherent	
		FR77, FR74	60% Modacrylic, 39% Cotton, 1% Carbon Fibre	210gm	Inherent	
		FR30	60% Modacrylic, 39% Cotton, 1% Carbon Fibre	280gm	Inherent	
		FR31	60% Modacrylic, 39% Cotton, 1% Carbon Fibre	280gm	Inherent	
		FR10, FR11, FR14, FR18, FR19, FR03	60% Modacrylic, 39% Cotton, 1% Carbon Fibre	200gm	Inherent	
	FLAME RESISTANT		FR12, FR81, FR09, FR20	60% Modacrylic, 39% Cotton, 1% Carbon Fibre	300gm	Inherent
			FR72	60% Modacrylic, 39% Cotton, 1% Carbon Fibre	300gm	Inherent
		FR35, FR36, FR37, FR38	99% Cotton, 1% Carbon Fibre	330gm	50 Washes	
		FR90, FR92, BIZ7	99% Cotton, 1% Carbon Fibre	330gm	50 Washes	
		FR78, FR79	80% Cotton, 19% Polyester, 1% Antistatic Carbon Fibre, two-layer PTFE lamination, PU Coated, Fluorocarbon Finish	380gm	5 Washes	
		FR80	99% Cotton, 1% Carbon Fibre	345gm	50 Washes	
		FR60, FR61, FR62, FR63	99% Cotton, 1% Carbon Fibre	345gm	50 Washes	
		FR50, FF50, FR51, FR55, FR56, FR57, FR25, FR26, FR27	99% Cotton, 1% Carbon Fibre	350gm	50 Washes	
		FR52, FR53, FR58, FR59	99% Cotton, 1% Carbon Fibre	350gm	50 Washes	
		FR28	99% Cotton, 1% Carbon Fibre	280gm	50 Washes	
		FR21,	99% Cotton, 1% Carbon Fibre	210gm	50 Washes	
		FR89	88% Cotton, 12% Nylon	237gm	5 Washes	
		FR93	80% Cotton, 19% Polyester, 1% Carbon Fibre	340g	50 Washes	
		FR01, FR02	100% Cotton	237gm	5 Washes	
	FR75	100% Polyester, Warp Knitted	120gm	5 Washes		
	FR70, FR73	100% Polyester, Warp Knitted	160gm	5 Washes		
	FR71, FR85	98% Polyester 2% Carbon Fibre, Warp Knitted	120gm	12 Washes		
	S780, S781, S779, S773, S782, S778, S775, S774	98% Polyester, 2% Antistatic Carbon Fibre, Breathable, PU Coated	250gm	12 Washes		
	S776	98% Polyester, 2% Antistatic Carbon Fibre, Breathable, PU Coated	250gm	12 Washes		
	S770, S771, S772, S783	98% Polyester, 2% Antistatic Carbon Fibre, Breathable, PU Coated	250gm	12 Washes		
	FR98	99% Cotton, 1% Carbon Fibre	280gm	5 Washes		
	BIZ1, BIZ5, BZ30, BIZ4, BIZ2, BIZ6, BZ11, BZ12	100% Cotton, FR finish	330gm	50 Washes		
	BZ31	100% Cotton, FR finish	330gm	50 Washes (EU) 100 Washes (USA)		
	C030	100% Eco Cotton	330gm	50 Washes		
	SW10, SW20, SW32, SW33	Split Cowhide Leather		N/A		
	BZ40	99% Cotton, 1% Carbon Fibre	450gm	50 Washes		
	FR41, FR43	100% Polyester, FR & Antistatic, PU Coated	260gm	5 Washes		
	FR46, FR47	100% Polyester, FR & Antistatic, PU Coated	260gm	5 Washes		



 EN 1149	 EN ISO 11612	 EN ISO 11611	 EN ISO 20471	 IEC 61482-2	 EN 14116	 EN 13034	 EN 343	 EN 15614	ASTM F1959	ASTM F1506-10a	NFPA® 2112	NFPA® 70 E
√	√	√							ARC2 8.5 cal/cm2			
√	√								ARC1 5.9 cal/cm2		√	
√	√	√	√ RIS	√		√						
√	√	√	√	√					ARC2 8.4 cal/cm2			
√	√	√		√					ARC2 8.4 cal/cm2			
√	√	√	√ RIS	√		√						
√	√		√ RIS	√					ARC1 6 cal/cm2			
√	EN 531											
√	√		√	√					ARC1 4.3 cal/cm2			
√	√											
√	√		√									
√	√			√					ARC1 4.3 cal/cm2			
√	√			√					ARC2 16 cal/cm2			
√	√		√	√					ARC2 16 cal/cm2			
√	√	√										
√	√	√	√									
√	√	√	√	√	√		√	√				
√	√	√		√					ARC2 13.6 cal/cm2			
√	√	√	√	√	√			√	ARC2 13.6 cal/cm2			
√	√	√		√					ARC2 13.6 cal/cm2		Fabric only	
√	√	√										
√	√	√										
	√								ARC2 8.2 cal/cm2	√	√	√
√	√	√		√		√			ARC2 16 cal/cm2			
	√								ARC2 12 cal/cm2		Fabric only	
			√ RIS		√							
			√ EN 471		EN 533							
√			√ RIS		√							
√			√ RIS		√	√	√					
√			√ RIS		√	√						
√					√	√	√					
√	√							√				
	√	√							ARC2 11.2 cal/cm2		Fabric only	
	√	√							ARC2 11.2 cal/cm2	√	Fabric only	√
	√	√										
		√										
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√	√	√		√								
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# Flame Resistant - EN Standards



## EN ISO 11612: 2015 Protective Clothing Against Heat and Flame

The performance requirements set out in this international standard are applicable to garments, which could be worn for a wide range of end uses, where there is a need for clothing with limited flame spread properties and where the user can be exposed to radiant, convective or contact heat or molten metal splashes. This test uses standard methods and conditions to predict the performance of fabric/garments in the event of contact with heat or flames. Garment

features such as seams, closures and logos must be tested as well as the fabric. Tests must be carried out on pre-treated components according to the manufacturers care label.

Specific testing is listed below:

- Dimensional change
- Limited flame spread (A1+A2)\*
- Convective heat (B) - 3 levels
- Radiant heat (C) - 4 levels
- Molten aluminium splash (D) - 3 levels
- Molten iron splash (E) - 3 levels

Contact heat (F) - 3 levels (temperature 250 degrees Celsius)

Heat resistance at a temperature of 180 degrees Celsius.

Tensile strength (must meet a minimum of 300N)

Tear strength (must meet a minimum of 10N)

Bursting strength

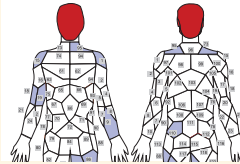
Seam strength

Garment design requires that coverage must be provided from the neck to the

wrists and to the ankles.

Optional testing includes water vapour resistance and manikin testing for overall burn prediction.

\*This test must be carried out on fabric and seams.



### Manikin test results for: FR61 & FR62

- Pain (16%),
  - 1st° Burn (0%),
  - 2nd° Burn (0%),
  - 3rd° Burn (0%),
- Burn Injury Prediction 0%,**



## ISO 13506: 2008 Manikin Test ISO 13506

This test method provides the general principles for evaluating the performance of complete garments or protective clothing ensembles in a flash fire or other short duration exposures.

Within the EN ISO 11612 standard, an optional test is available to provide predictions of burn injury using an instrumented, heat sensing, life size manikin, complying with the ISO13506 test method. Manikin testing creates a realistic simulation of a flash fire condition and analyses the response of manikin heat sensors to predict the potential tissue burn damage to the wearer of industrial clothing.

The effects of exposure to flame are dependent not only on the basic protective qualities of the fabric but on factors such as the quality of the garment fit and the presence of air gaps between the different layers of clothing. The presence of undergarments also has a significant effect on protection. Testing is carried out by exposing a fully clothed manikin, to flame engulfment for a minimum period of four seconds.

The manikin is fitted with a minimum of 100 sensors positioned all over the body, arms, legs and head. The purpose of the sensors is to measure the variation in temperature on the manikin surface during a test with the manikin

clothed - designed to replicate the rate at which human skin absorbs energy.

Heat energy absorbed by the sensors is recorded by the manikin's computer software, with data normally collected for up to 120 seconds after the burn. From the information gathered, a report is produced showing a "body map" indicating predicted body burn of either no burns, first, second or third degree burns and where they would have occurred.

There are no "Pass" or "Fail" criteria in the ISO13506 standard.

One of the most useful functions

of these Manikin tests is to allow garments to be compared directly to each other under identical conditions. Comparisons can be made between different types of clothing fabrics, design, construction, finish, etc. to improve levels of protection and to see how different types and mixes of materials and layers / undergarments perform in the same environment.



## EN ISO 11611: 2015 Protective Clothing For Use In Welding And Allied Processes

This international standard specifies minimum basic safety requirements and test methods for protective clothing for use in welding and allied processes (excluding hand protection). The international standard specifies two classes with specific performance requirements.

Class 1 is protection against less hazardous welding techniques and situations causing lower levels of spatter and radiant heat.

Class 2 is protection against more hazardous welding techniques and situations causing higher levels of spatter and radiant heat.

EN ISO 11611 requires that protective suits completely cover the upper and lower torso, neck, arms and legs. There are a number of other design requirements which must be followed, to prevent molten droplets lodging anywhere on the garment.

Testing must be carried out on pre-treated components according to the manufacturers care label.

The following is a summary of the testing required:

- Tensile strength (must meet a minimum of 400 N)
- Tear strength (must meet a minimum of 15N for class 1 and 20N for class 2)
- Bursting strength
- Seam strength
- Dimensional change

- Requirements of leather
- Limited flame spread (A1+A2)\*
- Molten droplets
- Heat transfer (radiation)
- Electrical resistance

\*This test must be carried out on fabric and seams.



### ATEX Directive

The ATEX Directive defines what equipment is permitted in an environment where an explosive atmosphere may exist. Portwest recommend using garments certified to EN1149 and EN ISO 11611 for added protection in an ATEX environment.



## EN ISO 14116: 2008 Protective Clothing Against Limited Flame Spread Materials and Material Assemblies

This standard specifies the performance requirements for the limited flame spread properties of materials, material assemblies and protective clothing in order to reduce the possibility of the clothing burning and thereby itself constituting a hazard. Additional requirements for clothing are also specified.

Protective clothing complying with this standard is intended to protect workers against occasional and brief contact with small igniting flames in circumstances where there is no

significant flame hazard and without the presence of another type of heat.

**EN ISO 14116** has three different categories for flame spread, Index 1, 2 and 3 as detailed in the table below:

Note:

Index 1 garments should not be worn next to the skin. They must be worn over Index 2 or 3 garments.

Index 2 or 3 garments can be worn next to the skin.

Testing must be carried out on pre-treated components according to the manufacturers care label.

Testing required is as follows:

- Limited flame spread
- Tensile strength
- Tear strength
- Seam strength

INDEX	REQUIREMENTS
1	No flame spread
	No flaming debris
	No afterglow shall spread
2	No flame spread
	No flaming debris
	No afterglow shall spread
3	No hole shall form
	No flame spread
	No afterglow shall spread
	No hole shall form
	The afterflame must last no longer than 2 seconds



## IEC 61482-2: 2009 Protective Clothing Against The Thermal Hazards of An Electric Arc

This standard specifies requirements and test methods applicable to materials and garments for protective clothing against the thermal effects of an electric arc event. An electric arc is a continuous electric discharge of high current between conductors generating very bright light and intensive heat.

Two international test methods have been developed to provide information on the resistance of clothing to the thermal effects of electric arcs. Each method gives different information. To comply with the standard either or both tests must be carried out.

### Box Test Method EN61482-1-2

The fabric/garment is exposed to an electric arc confined in a specific box

with a specific electrode arrangement for 0.5 seconds. Class 1 is to a current of 4kA arc, Class 2 is to a current of 7 kA arc. Test conditions for Class 1 & 2 try to simulate typical exposure conditions for a short circuit current of 4kA and 7kA respectively.

### Open Arc Method EN61482-1-1.

This test method aims to establish the ATPV (Arc Thermal Performance Value) or Ebt (Energy Breakopen Threshold) of a fabric.

The ATPV is the amount of energy required to cause a 2nd degree burn through the material prior to break-open (50% probability). The Ebt is the amount of energy where the material breaks-open (50% probability). This is normally the upper thermal limit of the fabric where the fibres are damaged and

the material loses mechanical strength. Both ATPV and Ebt are expressed in calories per cm<sup>2</sup>.

EN 61482-1-1 tests the fabric with an 8kA arc for various incident durations. Workers are assumed to be safe if the arc rating of their clothes exceeds the electric arc incident energy calculated in the worst case scenario of a risk assessment. Garments can be layered to achieve an overall ATPV or Ebt Rating. For example a thermal layer may achieve an Ebt of 4.3 Cal/cm<sup>2</sup>, and an outer overall may achieve an ATPV of 13.6Cal/cm<sup>2</sup>. However the combination ATPV/Ebt ratings will be greater than the sum of the two single layers, as the air gap between the two layers affords the wearer additional protection.

Another parameter measured during the open arc test is the HAF value (Heat

Attenuation Factor) - this describes the amount of heat blocked by the fabric.

### ASTM F1959/F1959M-14

**FABRIC ONLY TEST.** This test method is the same as outlined above under EN 61482-1-1. Pre treatment may vary.

ARC Rated PPE	Required minimum Arc rating of PPE/ cal/cm <sup>2</sup>
	4 CAL/CM <sup>2</sup>
	8 CAL/CM <sup>2</sup>
	25 CAL/CM <sup>2</sup>



## EN 1149: 2008 Protective Clothing - Electrostatic Properties - Part 5. Material Performance and Design Requirements.

This European standard is part of a series of standards for test methods and requirements for electrostatic properties of protective clothing. The standard specifies material and design requirements for garments used as part of a total earthed system, to avoid incendiary discharges. The requirements may not be sufficient in oxygen enriched flammable atmospheres. This standard is not

applicable for protection against mains voltages.

### EN 1149 consists of the following parts

EN 1149-1: Test method for measurement of surface resistivity.

EN 1149-2: Test method for measurement of the electrical resistance through a material (vertical resistance)

EN 1149-3: Test methods for measurement of charge decay

EN 1149-4: Garment Test (under development)

EN 1149-5: Material performance and design requirements.

Electrostatic dissipative protective clothing shall be able to permanently cover all non-complying materials during normal use. Conductive parts

(zippers, buttons etc) are permitted provided they are covered by the outermost material when in use.



## EN 13034: 2005 Protective Clothing Against Liquid Chemicals

Performance requirements for chemical protective clothing offering limited protective performance against liquid chemicals (Type 6 and Type PB [6] equipment). This standard specifies the minimum requirements for limited use and re-usable limited performance chemical protective clothing. Limited performance chemical protective clothing is intended for use in cases of a potential exposure to a light spray, liquid aerosols or low pressure,

low volume splashes, against which a complete liquid permeation barrier (at a molecular level) is not required.

The standard covers both chemical protective suits (Type 6) and partial body protection (Type PB[6]).

Type 6 suits are tested using a mist or fine spray of water with a dye added to aid the assessment of leakage. The test subject wears an absorbent suit underneath the one to be tested, which

absorbs any leaks and is stained by the dye. Success or failure is determined by measuring the total area of any stains on three suits and comparing this with the requirement. A range of other tests is specified, including resistance to abrasion, tear strength, tensile strength, resistance to puncture, resistance to ignition, resistance to penetration by liquid chemicals and seam strength. In the test for liquid chemical repellency and resistance to penetration by liquid

chemicals, a bank of four test chemicals is given in the standard although the requirement is that the suit material demonstrates adequate repellency and resistance to penetration against just one chemical from this list



# Flame Resistant - USA Standards





## NFPA 70E

### NFPA® 70E: 2015

This standard addresses electrical safety-related work practices for employee workplaces and requires employees working on or near energized parts and equipment to wear flame resistant clothing that meets the requirements of ASTM F1506.

The NFPA 70E standard provides table 130.7(C)(16) as a guideline for the selection of protective apparel. This table lists the requirements for PPE based on arc flash PPE categories 1 through 4. This clothing and equipment shall be used when working within the arc flash boundary.

The table ranges from ARC 1 (which is low risk) up to ARC 4 (which is high risk and requires FR clothing with a minimum arc rating of 40). The higher the ARC rating value, the greater the protection.

ARC Rated PPE	Clothing description	Required minimum Arc rating of PPE/cal/cm2
 1 ARC	1 ARC: Arc rated FR Shirt and FR pants or FR Coverall 4	4
 2 ARC	2 ARC: Arc rated FR Shirt and FR pants or FR Coverall 8	8
 3 ARC	3 ARC: Arc rated FR Shirt and FR pants or FR Coverall, and arc flash suit selected so that the system arc rating meets the required minimum 25	25
 4 ARC	4 ARC: Arc rated FR Shirt and FR pants or FR Coverall and arc flash suit selected so that the system arc rating meets the required minimum 40	40

## NFPA 2112

### NFPA® 2112: 2012

This standard specifies the minimum performance requirements and test methods for flame resistant fabric and components and the design and certification requirements for garments for use in areas at risk from flash fires.

Flame resistant fabrics must pass a comprehensive list of thermal tests, including the following:

- ASTM F2700 – Heat Transfer

Performance (HTP) Test

This test is a measure of the unsteady state heat transfer properties of garment materials.

•ASTM D6413 – Vertical Flammability (Flame Resistance) Test

This test is used to determine how easily fabrics ignite and continue to burn once ignited.

- Thermal Shrinkage Resistance Test

This test measures a fabrics resistance to shrinkage when exposed to heat.

•Heat Resistance Test

This test measures how fabrics and components react to the high heat that could occur during a flash fire.

•ASTM F1930-11 – Thermal Manikin Test

This test provides an overall evaluation of how the fabric performs in a standardized coverall design after

three-second thermal exposure.

•FTMS 191A – Thread melting resistance Thread used in flame resistant garments must withstand temperatures of up to 500°F.

## ASTM F1506-10a

### ASTM® F1506-10A

This performance specification covers the flame resistance of textile materials to be used for wearing apparel for use by electrical workers exposed to momentary electric arc and related hazards

These textile materials must meet the following performance requirements:

- A general requirement that thread and components used in garment

construction shall not contribute to the severity of injuries to the wearer in the event of a momentary electric arc and related thermal exposure.

- A set of minimum performance specifications for knit and woven fabrics including strength, colorfastness, flame resistance before and after washing and arc test results.

- Testing for flame resistance in accordance with ASTM Test Method

D6413 vertical flame test.

-When tested as received in accordance with ASTM Test Method F1959 arc performance, the fabric may not have more than 5.0 seconds after flame time when tested.

Garments must be labelled with the following:

- Tracking code
- Statement that the garments meet the

requirements of F1506

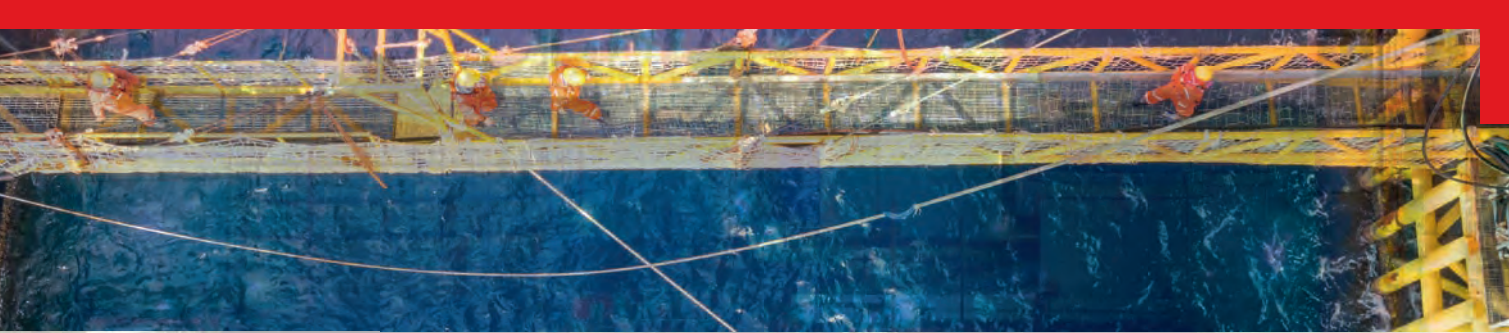
- Manufacturer's name, size information
- Care instructions and fiber content
- ARC rating (ATPV) or (EBT)

## ASTM F1959/F1959M-12

### ASTM® F1959/F1959M-12: 2013

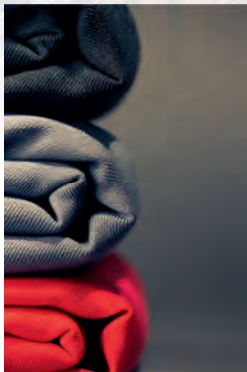
#### STANDARD TEST METHOD FOR DETERMINING THE ARC RATING OF MATERIALS FOR CLOTHING

FABRIC ONLY TEST. This test method determines the Arc Thermal Performance Value (ATPV) or Energy Breakdown Threshold (Ebt) of a fabric. The result (expressed in cal/cm2) represents the maximum incident thermal energy in units of energy per square area that a fabric can support before the wearer will suffer second degree burns.



## Laundrying of **FR** Fabrics

Flame Resistant fabrics need to be regularly washed and dried in order to remove any dirt and contamination. The quality of the laundry service is of high importance. Garments must be laundered according to the manufacturers instructions provided in the care label sewn into the garment, as incorrect laundrying of flame resistant garments can seriously affect their performance and fit. The garment's flame resistant properties will last much longer if correctly laundered and washed.



### **Washing / Drying Procedure:**

#### **Pre-treatment:**

If stains are difficult to remove, they can be treated before putting into the washing machine with a liquid soap applied directly to stains and lightly rubbed. Heavier and stubborn stains should be pretreated with a commercial stain removal product at the earliest opportunity and sufficient time allowed for the pre-treatment to penetrate and loosen the stain.

Never use chlorine bleach or washing detergents containing bleach as these may discolour and will reduce the flame resistance properties of the fabric.

Fabric softeners, starches and other laundry additives are not recommended as they can mask the flame resistance performance and may also act as a fuel in case of combustion.

### **Washing:**

Always wash contaminated workwear separately, do not mix with non workwear. Flame Resistant fabric can usually be washed at high temperatures however it is the components (ie. the reflective tape, badging, etc.) on a finished garment that dictates the maximum washing temperature that the garment can be washed at. Always follow the washing temperature on the garment label. Always wash and dry garments inside out to minimise surface abrasion and help maintain the surface appearance of the fabric. Zips should be closed during washing.



### **Load Size:**

To ensure a more efficient, cleaner wash, avoid overloading the machine so the garments can move freely through the wash and rinse cycles.



### **Drying:**

Tumble drying is not usually recommended as the temperature used is often too high and can cause garment shrinkage. It is vital that cotton or cotton mix garments are not over dried. Over drying is the main cause of excessive garment shrinkage. Do not hang in direct sunlight. This can cause fading.

**The flame resistant finish is retained for the normal life cycle of the garment provided that the care instructions are adhered to.**

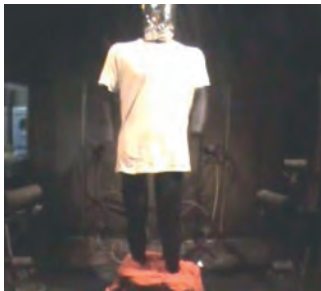
# Outstanding Results Best in Industry

**ISO  
13506**

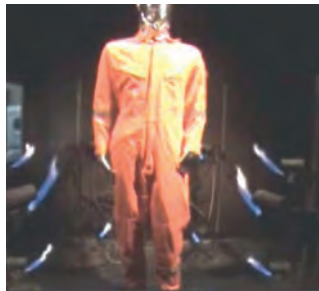
## **ISO 13506: 2008 Manikin Test ISO 13506**

The Manikin test or Burn Injury Prediction test is a very accurate representation of what happens in real life flash fire situations. Portwest has done extensive optional manikin testing on the Araflame, Bizweld and Bizflame range of garments. The benefit of the Manikin test is that it allows users to accurately predict the real life performance of a garment and to be totally reassured that it is the best choice for their working environment.

Investment in product testing is a critical part of our product development process. Portwest goes beyond the requirements of the EN standards and the results we have obtained on the optional Manikin tests validate our ongoing commitment to both product quality and end user safety. **We are very proud to declare that these garments consistently outperform all other treated FR garments in the market. All results are independently verified by notified bodies BTTG and SATRA**



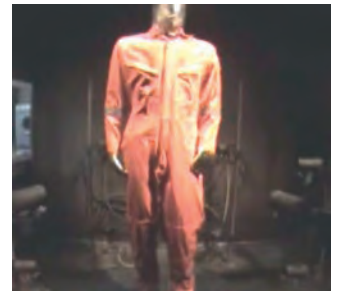
**Step 1:**  
The manikin is fitted with appropriate undergarments in order to replicate a real life situation.



**Step 2:**  
The garment to be tested is fitted on the manikin.

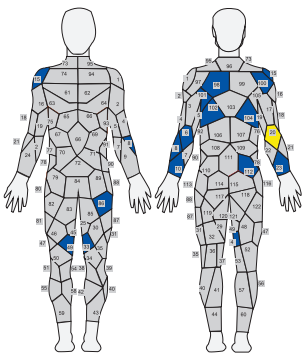


**Step 3:**  
The manikin is exposed to flame engulfment for four seconds.



**Step 4:**  
Heat energy is recorded with data normally collected for up to 120 seconds after the burn.

## **Best Burn Injury Prediction Results**



### **Manikin test results for: FR50 - Flame Resistant Anti-Static Coverall 350g**

- Pain (12.3%)**
- 1st° Burn (0.9%)**
- 2nd° Burn (0.0%)**
- 3rd° Burn (0.0%)**

**Burn Injury Prediction 0.0%**

## Understanding the results:

A body map is produced which uses colour coding to indicate predicted body burn or injury. The body map will show no burns, pain, first, second or third degree burns and where these would have occurred. The calculation does not include the head or hands.

There is no "Pass" or "Fail" criteria in the ISO 13506 standard. One of the most useful functions of these Manikin tests is to allow garments to be compared directly to each other under identical conditions.

## **Natural Fibres**

Many of our fire resistant (FR) garments are made from 100% cotton. This is a natural fibre and does not melt on contact with heat or flame. 100% cotton is comfortable to wear, absorbent and breathable. Cotton is the ideal solution for many industries who require flame resistant garments.

## All photos show garment condition after flame engulfment



**FR21** - Flame Resistant Super Light Weight Anti-Static Coverall 210g  
**FR22** - Insect Repellent Flame Resistant Coverall



**FR28** - Flame Resistant Light Weight Anti-Static Coverall 280g



**FR61** - Hi-Vis Multi-Norm Jacket  
**FR62** - Hi-Vis Multi-Norm Trousers



**FR61** - Hi-Vis Multi-Norm Jacket  
**FR63** - Hi-Vis Multi-Norm Bib and Brace



**FR55/FR25** - Bizflame Plus Jacket  
**FR56/FR26** - Bizflame Plus Trousers



**FR55/FR25** - Bizflame Plus Jacket  
**FR57/FR27** - Bizflame Plus Bib and Brace



**FR50** - Flame Resistant Anti-Static Coverall 350g  
**FF50** - Aberdeen FR Coverall



**FR60** - Hi-Vis Multi-Norm Coverall

## Table of results

	1st° Burn	2nd° Burn	3rd° Burn	Burn Injury Prediction
<b>FR50</b>	0.9%	0.0%	0.0%	0.0%
<b>FF50</b>	0.9%	0.0%	0.0%	0.0%
<b>FR60</b>	2.6%	0.9%	0.0%	0.9%
<b>FR28</b>	0.0%	1.8%	0.0%	1.8%
<b>FR21</b>	6.0%	19.0%	0.0%	19.0%
<b>AF53*</b>	1.8%	16.7%	25.4%	42.17
<b>AF22</b>	0.0%	5.3%	0.9%	6.2%
<b>AF73*</b>	2.6%	15.8%	24.6%	40.4%

	1st° Burn	2nd° Burn	3rd° Burn	Burn Injury Prediction
<b>FR55/FR56</b>	2.0%	3.0%	0.0%	3.0%
<b>FR55/FR57</b>	1.0%	0.0%	0.0%	0.0%
<b>FR25/FR26</b>	2.0%	3.0%	0.0%	3.0%
<b>FR25/FR27</b>	1.0%	0.0%	0.0%	0.0%
<b>FR61/FR62</b>	0.0%	0.0%	0.0%	0.0%
<b>FR61/FR63</b>	1.0%	0.0%	0.0%	0.0%
<b>BIZ1</b>	0.9%	1.8%	0.0%	5.3%
<b>BIZ2 / BZ30</b>	0.0%	4.4%	0.9%	5.8%

\*Using short underwear

# ANTI-STATIC ARAFLAME™ FLAME RESISTANT PLUS

150g

**Araflame - Inherent Protection, Unrivalled Performance, Unbeatable Value**

## Fabric Information

- ✓ Araflame Plus is an inherently flame resistant fabric developed for excellence, using innovative technology. The FR properties are permanent and will not diminish with washing.
- ✓ Constructed from 93% Meta-aramid which provides outstanding heat and flame resistance combined with 5% Para-aramid for strength. Araflame Plus is inherently anti static by incorporating 2% carbon fibre.
- ✓ Araflame Plus has been tested to the highest international standards and outperforms market leading brands in like for like comparison tests.



## AF53 Araflame Gold Coverall

EN ISO 11612 A1+A2,B1,C1,F1  
EN 1149 -5  
ASTM F1959/F1959M-12 ATPV 5.9  
CAL/CM<sup>2</sup> (HAF 63.1%)  
FABRIC CONFORMS TO NFPA 2112

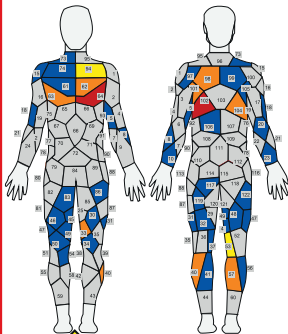


**Araflame Plus, 150g**  
Navy, Orange 36"-54"

## Best Burn Injury Prediction Results

### Manikin test results for:

**AF53**



- Pain (22.8%),
- 1st° Burn (1.8%)
- 2nd° Burn (16.7%)
- 3rd° Burn (25.4%)

**Burn Injury Prediction 42.1%**

*NOTE: Testing conducted using short sleeve vest and briefs*





# ANTI-STATIC™ ARAFLAME™ FLAME RESISTANT PLUS

150g

NEW



Araflame garments have been tested for burn injury prediction in controlled conditions. Results are outstanding and give the wearer confidence in the garment's performance in "real life" flash fire emergency situations.

Radio loops



Two-way front brass zip

## AF73 Araflame Silver Coverall

EN ISO 11612 A1 + A2, B1, C1, F1  
EN 1149-5  
ASTM F1959/F1959M-12 ATPV 5.9  
CAL/CM² (HAF 63.1%)  
FABRIC CONFORMS TO NFPA 2112



FR, IW



This super lightweight coverall offers outstanding flame resistant protection. The Araflame fabric is soft and breathable but provides excellent tear and tensile strength. Ideal for a variety of industries including oil and gas, petrochemical and many more. The coverall's features include triple stitching throughout, secure pockets and waist elastication for ease of movement.

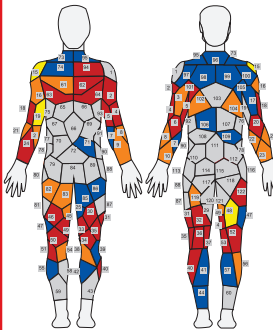
Araflame Plus, 150g

Khaki, Navy, Orange, Red, Royal  
36"-54"

## Best Burn Injury Prediction Results

### Manikin test results for:

# AF73



- Pain (21.9%),
- 1st° Burn (2.6%)
- 2nd° Burn (15.8%)
- 3rd° Burn (24.6%)

**Burn Injury Prediction 40.4%**

**NOTE: Testing conducted using short sleeve vest and briefs**



EN ISO 11612 EN 1149 ASTM F1959/F1959M-12 NFPA 2112

# ANTI-STATIC™ ARAFLAME™ FLAME RESISTANT PLUS

## Massive Stock Levels No Licensing Restrictions

- ✔ Araflame is available from stock all year round.
- ✔ Wide variety of colours and weights in stock.
- ✔ No licensing restrictions.
- ✔ Significantly lower in price compared with leading brands.

200g



### AF22 Araflame Coverall

EN ISO 11612 A1+A2,B1,C1,F1  
EN ISO 11611 CLASS 1 A1+A2  
EN 1149 -5

FR,IW ASTM F1959/F1959M-12 ATPV 8.5 CAL/CM<sup>2</sup> (HAF 70.5%)

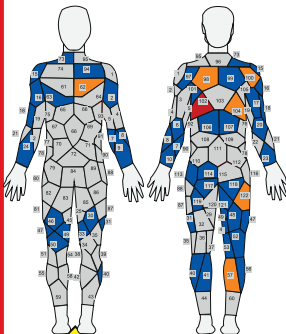
This winning style has a host of functional features including reflective tape for extra visibility. Triple stitching throughout adds to the strength and durability of AF22. Certified to several EN standards optimal protection is provided for the wearer.



### Best Burn Injury Prediction Results

#### Manikin test results for:

**AF22**



■ Pain (35.1%),  
■ 1st° Burn (0.0%)  
■ 2nd° Burn (5.3%)  
■ 3rd° Burn (0.9%)

**Burn Injury  
Prediction 6.2 %**



EN ISO 11612 EN ISO 11611 EN 1149 ASTM F1959/F1959M-12

ANTI-STATIC  
**ARAFLAME™**  
FLAME RESISTANT

HI VIS  
MULTI

260g

RIS  
3279

### Fabric Information

Araflame Hi-Vis Multi is a ground breaking innovation in flame resistant fabric. Constructed using 57% aramid, 42% polyester and 1% carbon fibre, Araflame Hi-Vis Multi offers the ultimate in inherent flame resistant protection combined with high visibility. This state of the art fabric offers full protection against a multiple of hazards.

### Garment Benefits

- ✓ Inherently Flame Resistant
- ✓ Protects workers exposed to everyday hazards.
- ✓ This coverall has been developed specifically for those working in industries such as utilities, rail, chemical, petrochemical and aerospace.
- ✓ Retains excellent light and colour fastness.
- ✓ The fabric is breathable and comfortable.

**EN ISO 20471 CLASS 3**



### Outstanding Achievements:

The exceptional AF91 Coverall has won two prestigious awards – the **BSIF Award** and the Professional Clothing Award for **Best Product** and **Best Fabric Innovations**. Combining years of experience with advanced technology, Portwest has developed a highly innovative fabric that offers the ultimate in flame resistant protection, comfort and durability. This winning garment design exceeds the expectations and demands of the toughest work environments and is the result of extensive market research and feedback from user groups.

### AF91 Araflame Hi-Vis Multi Coverall

- EN ISO 11612 A1, B1, C1, F1
- EN ISO 11611 CLASS 1 A1
- EN 1149 -5
- EN ISO 20471 CLASS 3
- EN 13034 TYPE 6 FABRIC ONLY
- IEC 61482-2 IEC 61482-1-2 CLASS 1 FABRIC ONLY
- RIS-3279-TOM ISSUE 1 (ORANGE ONLY)
- GO/RT 3279 ISSUE 8

RIS  
3279



The EN ISO 20471 orange colour twinned with the silver flame resistant reflective tape on the shoulders, torso, arms and legs offer superior enhanced visibility.

Araflame Hi-Vis Multi 260g  
 Hi-Vis Orange S-5XL

5XL



# ANTI-STATIC MODAFLAME™ FLAME RESISTANT

## Fabric Information

Modacrylic fibres provide inherent flame resistance, excellent dimensional stability and high elastic properties which allow garments to retain their shape. High cotton content gives the fabric comfort, warmth and a soft handle. Carbon fibre woven into the fabric gives inherent anti static properties.

### Garment Benefits

- ✓ Inherently flame resistant
- ✓ Certified to multiple international standards, the Modaflame range offers guaranteed safety in the workplace.
- ✓ Quality workmanship combined with premium fabric ensure the garments maintain their new look wear after wear.
- ✓ The garments in the Modaflame range are stylish and practical.

280g

## Triple-Stitched Seams



280g

Concealed phone pocket

Radio loops

Brass zip

Hook and loop adjustable cuffs

8.4  
Cal/Cm<sup>2</sup>

### MV25 Hi-Vis MODAFLAME Jacket

EN ISO 11612 A1+A2,B2,C1,F1  
EN ISO 11611 CLASS 1 A1+A2  
EN 1149-5  
IEC 61482-2 IEC 61482-1-2 CLASS 1  
EN ISO 20471 CLASS 2  
ASTM F1959/F1959M-12 ATPV=8.4 CAL/CM<sup>2</sup> (HAF=75.8%)



FR,IW



Modaflame 280g  
Yellow/Navy S-3XL



Two back patch pockets

Triple-stitched seams

Rule pocket

Spacious pockets

Two tier knee pad pockets

8.4  
Cal/Cm<sup>2</sup>

### MV26 Hi-Vis MODAFLAME Trousers

EN ISO 11612 A1+A2,B2,C1,F1  
EN ISO 11611 CLASS 1 A1+A2  
EN 1149-5  
IEC 61482-2 IEC 61482-1-2 CLASS 1  
EN ISO 20471 CLASS 1  
ASTM F1959/F1959M-12 ATPV=8.4 CAL/CM<sup>2</sup> (HAF=75.8%)



FR,IW



Modaflame 280g  
Reg: Yellow/Navy S-3XL  
Tall: Yellow/Navy M-XXL



Combined Ebt/ATPV Ratings

FR10 or FR11 • FR14 • MV26 = ARC 2 18 CAL/CM<sup>2</sup>

Combined Ebt/ATPV Ratings

FR10 or FR11 • FR14 • MV25 = ARC 2 18 CAL/CM<sup>2</sup>



280g



NEW

Two tier knee pad pockets



Radio loops

Concealed brass zips on chest pockets

Hook and loop adjustable cuffs

Back pocket

Rule pocket

Two tier knee pad pockets

## Multi-Hazard Protection

All styles feature: FR sewing thread and Double stitched Industrial wash, flame resistant reflective tape.

8.4 Cal./Cm<sup>2</sup>

### MV27 Hi Vis MODAFLAME Bib and Brace

EN ISO 11612 A1 + A2, B2, C1, F1  
EN ISO 11611 CLASS 1 A1 + A2  
EN 1149-5  
EN ISO 20471 CLASS 2  
IEC 61482-2 IEC 61482-1-2 CLASS 1  
ASTM F1959/F1959M-12 ATPV 8.4 CAL/CM<sup>2</sup> (HAF 75.8%)



FR, IW



Modaflame 280g



Yellow/Navy S-3XL

Combined Ebt/ATPV Ratings

FR10 or FR11 • FR14 • MV27+MV25 = ARC2 18 CAL/CM<sup>2</sup>

8.4 Cal./Cm<sup>2</sup>

### MV28 Hi-Vis MODAFLAME Coverall

EN ISO 11612 A1+A2, B2, C1, F1  
EN ISO 11611 CLASS 1 A1+A2  
EN 1149-5  
IEC 61482-2 IEC 61482-1-2 CLASS 1  
EN ISO 20471 CLASS 3  
ASTM F1959/F1959M-12 ATPV=8.4 CAL/CM<sup>2</sup> (HAF=75.8%)



FR, IW



Modaflame 280g



Reg: Yellow/Navy S-5XL  
Tall: Yellow/Navy M-XXL

Combined Ebt/ATPV Ratings

FR10 or FR11 • FR14 • MV28 = ARC2 18 CAL/CM<sup>2</sup>

5XL



ASTM F1959/F1959M-12



ASTM F1959/F1959M-12

The Best in Comfort and Inherent Flame Resistant Protection

# ANTI-STATIC MODAFLAME™ FLAME RESISTANT

# HVO MULTI

300g

## Full Chemical Resistance

### Fabric Information

Constructed from 61% modacrylic, 18% viscose, 15% polyester, 5% aramid, 1% carbon fibre, Modaflame HVO woven uses advanced technology to provide protection in a multi-risk environment. Inherently flame resistant and anti-static, this unique blend of fibres has highly effective moisture management properties and a comfortable handle. Certified to a range of standards including EN ISO 20471 Orange and RIS 3279, Modaflame HVO woven provides outstanding versatility and protection.



Two back patch pockets

Elasticated back waist



Cargo pocket on side leg

Two tier knee pad pockets

Flame resistant industrial wash tape

Hook and loop adjustable cuffs

300g



Radio loops



Brass zip

### MV35 Modaflame RIS Orange/Navy Jacket

24	CE	EN ISO 11612 A1 + A2, B1, C1, F1
		EN ISO 11611 CLASS 1 A1+A2
		EN 1149 -5
FR, IW		IEC 61482-2 IEC 61482-1-2 CLASS 1
		EN 13034 TYPE 6
		EN ISO 20471 CLASS 3
		RIS-3279-TOM ISSUE 1 (ORANGE ONLY)
4	50+ UPF	Modaflame HVO Woven 300g
		Orange/Navy S-3XL

\*Registered European Community Design

### MV36 Modaflame RIS Orange/Navy Trousers

24	CE	EN ISO 11612 A1 + A2, B1, C1, F1
		EN ISO 11611 CLASS 1 A1+A2
		EN 1149 -5
FR, IW		IEC 61482-2 IEC 61482-1-2 CLASS 1
		EN 13034 TYPE 6
		EN ISO 20471 CLASS 2
		RIS-3279-TOM ISSUE 1 (ORANGE ONLY)
		Modaflame HVO Woven 300g
		Orange/Navy S-XXL
	50+ UPF	

\*Registered European Community Design



300g



Action back

Radio loops

NEW



Concealed two-way front brass zip

Flame resistant industrial wash tape

Two tier knee pad pockets



Action back

Radio loops

NEW

Hook and loop adjustable cuffs

Two tier knee pad pockets

Concealed two-way front brass zip

Flame resistant industrial wash tape

# Protects Against Radiant, Convective and Contact Heat

## MV91 Modaflame RIS Orange Coverall



EN ISO 11612 A1 + A2, B1, C1, F1  
EN ISO 11611 CLASS 1 A1+A2  
EN 1149 -5  
IEC 61482-2 IEC 61482-1-2 CLASS 1  
EN 13034 TYPE 6  
EN ISO 20471 CLASS 3  
RIS-3279-TOM ISSUE 1 (ORANGE ONLY)



Modaflame HVO Woven 300g  
Hi-Vis Orange S-3XL



\*Registered European Community Design

## MV29 Modaflame RIS Navy/Orange Coverall



EN ISO 11612 A1 + A2, B1, C1, F1  
EN ISO 11611 CLASS 1 A1+A2  
EN 1149 -5  
IEC 61482-2 IEC 61482-1-2 CLASS 1  
EN 13034 TYPE 6  
EN ISO 20471 CLASS 3  
RIS-3279-TOM ISSUE 1 (ORANGE ONLY)



Modaflame HVO Woven 300g  
Orange/Navy S-3XL



\*Registered European Community Design



# ANTI-STATIC MODAFLAME™ FLAME RESISTANT

## Inherent Flame Resistance

280g

### Fabric Information

Modacrylic fibres provide inherent flame resistance, excellent dimensional stability and high elastic properties which allow garments to retain their shape. High cotton content gives the fabric comfort, warmth and a soft handle. Carbon fibre woven into the fabric gives inherent anti static properties.

### Garment Benefits

- ✓ Inherently flame resistant
- ✓ Certified to multiple international standards, the Modaflame range offers guaranteed safety in the workplace.
- ✓ Quality workmanship combined with premium fabric ensure the garments maintain their new look wear after wear.
- ✓ The garments in the Modaflame range are stylish and practical.



8.4  
Cal/Cm<sup>2</sup>

### Triple-Stitched Seams

**MX28**

#### MODAFLAME Coverall



EN ISO 11612 A1 +A2, B2, C1, F1  
EN ISO 11611 CLASS 1 A1+A2  
EN 1149-5



IEC 61482-2 IEC 61482-1-2 CLASS 1



ASTM F1959/F1959M-12 ATPV=8.4 CAL/CM<sup>2</sup> (HAF=75.8%)



The fibres used in this fabric include 60% Modacrylic, an inherently flame retardant fibre that does not combust, the fibres are difficult to ignite and will self-extinguish, providing natural flame retardancy without the need for an FR chemical treatment in the textile process. These fibres are blended with 39% cotton and 1% carbon fibre for added strength and protection against electrostatic discharge hazards.



Modaflame 280g  
Navy S-3XL  
Orange S-4XL

Combined Ebt/ATPV Ratings

FR10 or FR11 + FR14 + MX28 = HRC 2 18 CAL/CM<sup>2</sup>



ASTM  
F1959/  
F1959M-12



## Fabric Information

The Modaflake HVO Knit range is strong, durable and highly innovative. This fabric has the ability to withstand heat and flame and protect against the danger caused by static electricity and flame. These inherent flame resistant properties will not diminish with repeated washing.

## Garment Benefits

- ✓ Inherently flame resistant
- ✓ Certified to multiple international standards, the Modaflake range offers guaranteed safety in the workplace.
- ✓ Quality workmanship combined with premium fabric ensure the garments maintain their new look wear after wear.
- ✓ The garments in the Modaflake range are stylish and practical.



220g

Flame resistant reflective tape

Anti-static



Ribbed cuffs

6.0  
Cal/Cm<sup>2</sup>

Complies to RIS 3279 for the Rail Industry

### FR76 Flame Resistant RIS Polo Shirt



EN ISO 11612 A1, B1, C1  
EN 1149 -5  
IEC 61482-2 IEC 61482-1-1 ATPV 6 CAL/CM<sup>2</sup> (HAF 71.7%)  
EN ISO 20471 CLASS 3  
RIS-3279-TOM ISSUE 1 (ORANGE ONLY)



This polo shirt offers superb protection across multiple standards. The lightweight fabric uses a unique blend of fibres which combine to offer optimum protection with excellent breathability and moisture management. Features include contrast navy and rib cuffs for comfort and practicality.

Modaflake HVO Knit 220g

Orange S-3XL

\*Registered European Community Design



210g



Knitted cuff

4.3  
Cal/Cm<sup>2</sup>

### FR74 Flame Resistant Anti-Static Two Tone Polo Shirt



EN ISO 11612 A1, B1, C1, F1  
EN 1149 -5  
IEC 61482-2 IEC 61482-1-2 CLASS 1  
EN ISO 20471 CLASS 2  
ASTM F1959/F1959M-12 EBT=4.3 CAL/CM<sup>2</sup> (HAF=66%)



This high quality, long sleeve poloshirt offers exceptional protective properties to the wearer. Features include concealed front button placket opening, contrast rib collar and cuffs

Modaflake Knit 210g  
 Yellow/Navy S-3XL

Combined Ebt/ATPV Ratings

FR74 or FR77 + FR14 + MV28 = ARC2 18 CAL/CM<sup>2</sup>



Excellent Breathability and Moisture Management | 143

ANTI-STATIC  
**MODAFLAME™**  
 FLAME RESISTANT

**KNIT**

**Garment Benefits**

- ✓ Inherently flame resistant
- ✓ Certified to multiple international standards, the Modaflame range offers guaranteed safety in the workplace.
- ✓ Quality workmanship combined with premium fabric ensure the garments maintain their new look wear after wear.
- ✓ The garments in the Modaflame range are stylish and practical.



Flame resistant reflective tape

**300g**

**16**  
Cal/Cm<sup>2</sup>

**FR72**

**Flame Resistant Anti-Static Hi-Vis Sweatshirt**

EN ISO 11612 A1,B1,C1,F1  
 EN 1149-5  
 IEC 61482-2 IEC 61482-1-2 CLASS 1  
 EN ISO 20471 CLASS 3  
 ASTM F1959/F1959M-12 ATPV=16 CAL/CM<sup>2</sup> (HAF=86%)



This inherently flame resistant sweatshirt is designed to give high visibility protection from every direction. Features include snug rib knit cuffs & hem to give a stylish, comfortable fit.

Modaflame Knit 300g  
 Yellow S-3XL



ASTM  
 F1959/  
 F1959M-12

FR72

**Permanently Flame Resistant  
 Modacrylic**

**FR31** Flame Resistant Anti-Static Hi-Vis  
 Fleece

**280g**



EN ISO 11612 A1 B1 C2  
 EN 1149-5  
 EN ISO 20471 CLASS 3



This two-tone fleece includes silver reflective strips certified to EN ISO 20471 on body and sleeves.

Modaflame Knit 280g  
 Yellow/Navy S-3XL



Front zip opening

Flame resistant reflective tape

Zipped pockets

FR31



## Fabric Information

Constructed from an inherently fire resistant yarn of 60% modacrylic, 39% cotton and 1% carbon fibre. Tested to exceed the required EN Standards, the Modaflake Knit range is strong, durable and highly innovative. This fabric has the ability to withstand heat and flame and protect against the danger caused by static electricity and flame. These inherent flame resistant properties will not diminish with repeated washing.

Concealed button closure



Flame resistant reflective tape

FR77

Flame resistant ribbed cuff for added safety

Button front closure

4.3  
Cal/Cm<sup>2</sup>

FR03

### Flame Resistant Anti-Static Long Sleeve Polo Shirt with Reflective Tape

200g



EN ISO 11612 A1, B1, C1  
EN 1149 -5  
IEC 61482-2 IEC 61482-1-2 CLASS 1  
ASTM F1959/F1959M-12 EBT = 4.3 CAL/CM<sup>2</sup> (HAF 66%)

This modacrylic blend polo shirt is ideal for warmer conditions or for layering with outer garments when extra insulation is required. Flame resistant reflective tape offers enhanced visibility in low light conditions.

Modaflake Knit 200g

Navy S-3XL

Combined Ebt/ATPV Ratings

FR74 or FR77 • FR14 • MV28 = HRC2 18 CAL/CM<sup>2</sup>



Ribbed cuffs

FR03

210g

4.3  
Cal/Cm<sup>2</sup>

FR77



### Flame Resistant Anti-Static Hi-Vis Long Sleeve Polo Shirt

EN ISO 11612 A1, B1, C1, F1  
EN 1149 -5  
IEC 61482-2 IEC 61482-1-2 CLASS 1  
EN ISO 20471 CLASS 3  
ASTM F1959/F1959M-12 EBT = 4.3 CAL/CM<sup>2</sup> (HAF = 66%)

Modaflake Knit 210g  
Yellow S-4XL

Combined Ebt/ATPV Ratings

FR74 or FR77 • FR14 • MV28 = ARC2 18 CAL/CM<sup>2</sup>



Flame resistant reflective tape

Best Available Flame Resistant Solution

**NEW  
 COLOUR**



# Inherently Flame Resistant

**4.3**  
 Cal/Cm<sup>2</sup>

**FR11** Flame Resistant Anti-Static Long Sleeve

**48** **CE**  
**1** **ARC** **50** **UPF**

**T-Shirt**  
 EN ISO 11612 A1, B1, C1, F1  
 EN 1149-5  
 IEC 61482-2 IEC 61482-1-2 CLASS 1  
 ASTM F1959/F1959M-12 EBT=4.3 CAL/CM<sup>2</sup>  
 (HAF=66%)

**5XL**  
**XS**

High quality construction and premium materials set this Flame-Resistant Anti-Static Long Sleeve T-Shirt aside from its competitors.

**Modaflame Knit 200g**  
 Black, Grey S-3XL  
 Navy XS-5XL

Example of combined Ebt/ATPV ratings

**FR10 or FR11** + **FR14** + **FR60** = **HRC 3** 33 CAL/CM<sup>2</sup>

**CE**  
**CAT**  
**III**

**EN ISO 11612** **EN 1149** **IEC 61482-2** **ASTM F1959/F1959M-12**



Fully elasticated waistband



# Extremely Comfortable and Hard Wearing

**4.3**  
 Cal/Cm<sup>2</sup>

**FR14** Flame Resistant Anti-Static Leggings

**48** **CE**

**1** **ARC** **50** **UPF**

EN ISO 11612 A1, B1, C1, F1  
 EN 1149-5  
 IEC 61482-2 IEC 61482-1-2 CLASS 1  
 ASTM F1959/F1959M-12 EBT=4.3 CAL/CM<sup>2</sup>  
 (HAF=66%)

Designed for cooler conditions to keep the wearer warm, comfortable and safe. Elasticated waistband allows freedom of movement and the ribbed hem cuffs help trap in heat.

**4XL**

**Modaflame Knit 200g**  
 Navy S-4XL

Example of combined Ebt/ATPV ratings

**FR10 or FR11** + **FR14** + **FR60** = **HRC 3** 33 CAL/CM<sup>2</sup>

**CE**  
**CAT**  
**III**

**EN ISO 11612** **EN 1149** **IEC 61482-2** **ASTM F1959/F1959M-12**

Ribbed hem

## Full Anti-Static Protection



200g

NEW COLOUR



Sleeve Label

4.3 Cal/Cm<sup>2</sup>

**FR10** Flame Resistant Anti-Static Long Sleeve

**Polo Shirt**  
 EN ISO 11612 A1, B1, C1, F1  
 EN 1149-5  
 IEC 61482-2 IEC 61482-1-2 CLASS 1  
 ASTM F1959/F1959M-12 EBT=4.3 CAL/CM<sup>2</sup>  
 (HAF=66%)

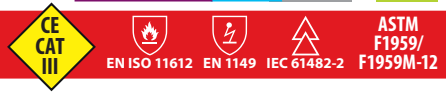
5XL XS

Convenient for cooler weather, and ideal for workers in industries exposed to heat. The stylish design of the garment has a 3-button placket, finished with a ribbed collar and cuffs.

Modaflame Knit 200g  
 Black, Grey S-3XL  
 Navy XS-5XL

Example of combined Ebt/ATPV ratings

FR10 or FR11 + FR14 + FR60 = HRC3 33 CAL/CM<sup>2</sup>



300g

Combined Ebt/ATPV Ratings

Garments can be layered to achieve an overall Arc Thermal Performance Value (ATPV) or Energy Break open threshold (Ebt) Rating. For example, thermals may achieve an Ebt of 4.3 cal/cm<sup>2</sup>, and an outer coverall may achieve an ATPV of 13.6 cal/cm<sup>2</sup>. However the combination ATPV will be greater than the sum of the two single layers, as the air gap between the two layers affords the wearer additional protection.

3 ARC CAL/CM<sup>2</sup>

1 ARC + 1 ARC + 2 ARC = 33 Cal

FR11 + FR14 + FR60 = 33 Cal

FR10

16 Cal/Cm<sup>2</sup>

**FR12** Flame Resistant Anti-Static Long Sleeve

**Sweatshirt**  
 EN ISO 11612 A1, B1, C1, F1  
 EN 1149-5  
 IEC 61482-2 IEC 61482-1-2 CLASS 1  
 ASTM F1959/F1959M-12 ATPV=16 CAL/CM<sup>2</sup>  
 (HAF=86%)

4XL XS

Ideal for workers exposed to heat in their working environment. Features on this garment include raglan sleeve, round neck, ribbed collar and cuffs, making it comfortable and easy to wear.

Modaflame Knit 300g  
 Black L-3XL, Navy XS-4XL





**High Cotton Content**

**Permanently Flame Resistant Modacrylic**

**16**  
 Cal/Cm<sup>2</sup>

**FR81 FR Zip Front Hooded Sweatshirt**

EN ISO 11612 A1, B1, C1, F1

EN 1149 -5

IEC 61482-2 IEC 61482-1-2 CLASS 1

ASTM F1959/F1959M-12 ATPV 16 CAL/CM<sup>2</sup> (HAF 86%)



FR81 is inherently flame resistant, the fibres used in the garment are naturally flame resistant and this will not fade with washing. This comfortable hooded sweatshirt offers ARC2 protection against electric arc. The handy pouch pockets at the front of the garment provide hand warming and ample storage.

**Modaflame Knit 300g**  
**Navy S-5XL**



FR81

Ribbed hem

Ribbed cuffs



ASTM F1959/F1959M-12



FR30

Drawcord adjustable hem

**FR30 Flame Resistant Anti Static Fleece**

280g



EN ISO 11612 A1, B1, C2

EN 1149 -5



Constructed with a double sided anti-pill fleece. Features include two side pockets with concealed zip closure to keep belongings secure. Comfortable elasticated cuffs and drawstring at hem.



**Modaflame Knit 280g**  
**Navy S-3XL**

**Zipped Handwarmer Pocket in Side Seams**



200g

4.3  
Cal/Cm<sup>2</sup>

**FR18 Flame Resistant Anti-Static Balaclava**

100  
10

EN ISO 11612 A1, B1, C1, F1  
EN 1149 -5

CE

IEC 61482-2 IEC 61482-1-2 CLASS 1  
ASTM F1959/F1959M-12 EBT=4.3 CAL/CM<sup>2</sup>  
(HAF=66%)

1  
ARC

Ideal for cooler conditions to keep the head and neck warm. The ribbed fabric allows for a snug comfortable fit. Wear with the FR10, FR11 or FR12.

50+  
UPF

**Modaflame Knit 200g**  
 **Black, Navy, Yellow One Size**



200g

4.3  
Cal/Cm<sup>2</sup>

**FR19 Flame Resistant Anti-Static Neck Tube**

100  
10

EN ISO 11612 A1, B1, C1, F1  
EN 1149 -5

CE

IEC 61482-2 IEC 61482-1-2 CLASS 1  
ASTM F1959/F1959M-12 EBT=4.3 CAL/CM<sup>2</sup>  
(HAF=66%)

1  
ARC

Designed for added protection for the neck. Wear with the FR10, FR11 or FR12.

50+  
UPF

**Modaflame Knit 200g**  
 **Black, Navy, Yellow One Size**



300g

16  
Cal/Cm<sup>2</sup>

**FR09 FR Anti-Static Balaclava**

50  
10

EN ISO 11612 A1, B1, C1, F1  
EN 1149 -5

CE

IEC 61482-2 IEC 61482-1-2 CLASS 1  
ASTM F1959/F1959M-12 ATPV 16 CAL/CM<sup>2</sup> (HAF 86%)

50+  
UPF

This inherently flame resistant balaclava will retain its shape wear after wear. The high cotton content gives maximum comfort against the skin. The fabric is inherently anti-static and provides ARC2 protection against the thermal hazard of an electric arc.

2  
ARC

**Modaflame Knit 300g**  
 **Navy One Size**



EN ISO 11612 EN 1149 IEC 61482-2 ASTM F1959/F1959M-12



EN ISO 11612 EN 1149 IEC 61482-2 ASTM F1959/F1959M-12



EN ISO 11612 EN 1149 IEC 61482-2 ASTM F1959/F1959M-12



16  
Cal/Cm<sup>2</sup>

**FR20 FR Anti-Static Balaclava Hood**

50  
10

EN ISO 11612 A1, B1, C1, F1  
EN 1149 -5

CE

IEC 61482-2 IEC 61482-1-2 CLASS 1  
ASTM F1959/F1959M-12 ATPV=16 CAL/CM<sup>2</sup> (HAF=86%)

2  
ARC

FR20 is inherently flame resistant and anti-static. The fabric provides ARC2 protection against the thermal hazard of an electric arc and the high cotton content gives maximum comfort against the skin. Ideal when extra warmth and protection are required.

50+  
UPF

**Modaflame Knit 300g**  
 **Navy One Size**

300g



H 25cm



**Manufactured in The European Union**

**SK20 MODAFLAME™ Sock**

144  
6

EN 1149-5  
EN 531

CE

The MODAFLAME material used in this sock is inherently flame resistant offering the ultimate in permanent fire resistant protection. Key features of this style are a flat toe seam and elasticated leg section for extra comfort and wearability.

2  
ARC

**48% Modacrylic, 32% Cotton, 20% Polyester**  
 **Black Euro 39-43, UK 6-9, US 7-10**  
**Black Euro 44-48, UK 10-13, US 11-14**



EN ISO 11612 EN 1149 IEC 61482-2 ASTM F1959/F1959M-12

EN 1149 EN 531

**BIZFLAME™**  
FLAME-RESISTANT

**KNIT**

### Fabric Information

This smooth, high performance interlock knit is made from 100% FR cotton. The fabric offers superior strength and a lightweight feel. Guaranteed flame resistance for the life of the garment ensures value and peace of mind. Bizflame knit offers outstanding protection against electric arc with an ATPV rating of 12 Cal/cm<sup>2</sup>, this exceeds the requirements for ARC2 clothing.

237g

**NEW**

12  
Cal/cm<sup>2</sup>

### FR02 Bizflame Henley Crew

EN ISO 11612 A1 + A2, B1, C1, F1  
ASTM F1959/F1959M-12 ATPV 12CAL/CM<sup>2</sup>  
(HAF = 80.8%)  
FABRIC CONFORMS TO NFPA 2112

48

CE

2  
ARC

50+  
UPF

1

The fabric used in this crew neck is moisture wicking and breathable. The FR protection will last for the life of the garment and due to the insulative properties of the fabric the protection against electric arc is very high. Offering protection against convective, radiant and contact heat, FR02 is extremely versatile.

100% Cotton 237g  
Grey, Navy S-5XL

5XL

CE  
CAT  
III

ASTM  
F1959/  
EN ISO 11612 F1959M-12

237g

**NEW**

12  
Cal/cm<sup>2</sup>

### FR01 Bizflame Crew Neck

EN ISO 11612 A1 + A2, B1, C1, F1  
ASTM F1959/F1959M-12 ATPV 12 CAL/CM<sup>2</sup>  
(HAF = 80.8%)  
FABRIC CONFORMS TO NFPA 2112

48

CE

2  
ARC

50+  
UPF

1

This stylish crew neck offers the ultimate in flame resistant comfort. The interlock knit fabric is lightweight but highly insulative providing high protection against electric arc. FR01 offers protection against convective, radiant and contact heat and is suitable for a range of uses.

100% Cotton 237g  
Grey, Navy S-5XL

5XL

CE  
CAT  
III

ASTM  
F1959/  
EN ISO 11612 F1959M-12





**NEW**

**FR85 Hi-Vis Anti Static Jacket - Flame Resistant**



EN ISO 14116 INDEX 1  
EN 1149 -5  
EN ISO 20471 CLASS 3  
RIS-3279-TOM ISSUE 1 (ORANGE ONLY)

98% Polyester 2% Carbon fibre,  
Warp Knitted, 120g  
Orange, Yellow S/M-XXL/3XL



**EN ISO 14116  
Standard**



**BIZFLAME™**  
FLAME-RESISTANT

**WORK**



**EN533  
Standard**

**FR70 Hi-Vis Vest - Flame Resistant**



EN 533 INDEX 1  
EN 471:2003 + A1:2007 CLASS 2:2

100% Polyester, Warp  
Knitted 160g  
Orange, Yellow S/M-4XL/5XL



EN 533



EN 471



**FR75 Hi-Vis Vest - Flame Resistant**



EN ISO 14116 INDEX 1 /5H/40  
EN ISO 20471 CLASS 2  
RIS-3279-TOM ISSUE 1 (ORANGE ONLY)  
GO/RT 3279 ISSUE 8 (ORANGE ONLY)



100% Polyester,  
Warp Knitted 120g  
Orange S/M-XXL/3XL  
Yellow S/M-4XL/5XL



**EN ISO 14116  
Standard**



Flame resistant  
reflective tape



**FR71 Hi-Vis Anti Static Vest - Flame Resistant**



EN ISO 14116 INDEX 1 /12H/40  
EN 1149  
EN ISO 20471 CLASS 2  
RIS-3279-TOM ISSUE 1 (ORANGE ONLY)  
GO/RT 3279 ISSUE 8 (ORANGE ONLY)



98% Polyester 2%  
Carbon fibre, Warp  
Knitted, 120g  
Orange S/M-XXL/3XL  
Yellow S/M-4XL/5XL



**EN ISO 14116  
Standard**



Flame resistant  
reflective tape



**EN533  
Standard**

**FR73 Hi-Vis Jacket Flame Resistant**



EN 533 INDEX 1  
EN 471:2003 + A1:2007 CLASS 3:2

100% Polyester, Warp  
Knitted 160g  
Orange, Yellow S/M-XXL/3XL



EN 533



EN 471

ANTI-STATIC  
**BIZFLAME™**  
 FLAME-RESISTANT  
 CHEMICAL RESISTANT

**MULTI**

345g

# Highest Protection Against Molten Metal Splash

- ✓ Manufactured from 99% Cotton, 1% Carbon fibre 345g Bizflame Multi has been expertly developed to provide hi-vis, flame, welding, electric arc and anti-static protection while offering guaranteed wearer comfort.
- ✓ This advanced technology fabric is worn with confidence by thousands of workers across a range of industries offering maximum comfort and outstanding protection.



## Garment Benefits

- ✓ The multi-risk protective clothing combines a wide usability with optimal safety and protection for the wearer.
- ✓ The fluorescent colour and flame-resistant reflective striping protect the wearer in situations of poor visibility.
- ✓ Triple stitched seams for ultimate construction quality.
- ✓ High quality brass zips throughout and industrial wash flame resistant reflective tape.
- ✓ Multiple pockets offer secure storage and convenience on the job.

**13.6**  
Cal/Cm<sup>2</sup>

## Comfortable, Breathable Fabric

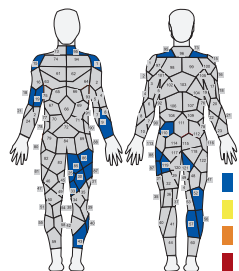
**FR61**

### Hi-Vis Multi-Norm Jacket

18	CE	EN ISO 11612 A1+A2, B1, C1, E3, F1
		EN ISO 11611 CLASS 1 A1+A2
		EN 1149-5
FR, IW		IEC 61482-2 IEC 61482-1-2 CLASS 1
		EN 13034 TYPE 6
		EN ISO 20471 CLASS 3
		ASTM F1959/F1959M-12 ATPV = 13.6 CAL/CM <sup>2</sup> (HAF = 82%)
	2 ARC	Bizflame Multi 345g Yellow/Navy S-3XL
	50+ UPF	

FR61 is constructed with highly innovative Bizflame Multi fabric. This comfortable garment offers protection against multiple risks including exposure to heat, fire, chemicals, electrical arcs and welding. Features include twin-stitched Hi-Vis strips on chest, arms and shoulders, concealed 2-way front brass zip and two concealed front chest pockets with piping detail.

## Manikin test results for:



**FR61 & FR62**

- Pain (16%)
  - 1st° Burn (0%)
  - 2nd° Burn (0%)
  - 3rd° Burn (0%)
- Burn Injury Prediction 0%**

Example of combined Ebt/ATPV ratings

**FR10 or FR11** + **FR14** + **FR62 + FR61** = **ARC3** 33 CAL/CM<sup>2</sup>

Best Burn Injury Prediction Results



345g

Elasticated back waist

Back pocket

Brass zip

Rule pocket

Two tier knee pad pockets

Double Stitched Industrial Wash Flame Resistant Reflective Tape

FR61

FR62

13.6 Cal/cm<sup>2</sup>

### FR62 Hi-Vis Multi-Norm Trousers

EN ISO 11612 A1+A2, B1, C1, E3, F1  
 EN ISO 11611 CLASS 1 A1+A2  
 EN 1149 -5  
 IEC 61482-2 IEC 61482-1-2 CLASS 1  
 EN 13034 TYPE 6  
 EN ISO 20471 CLASS 2  
 ASTM F1959/F1959M-12 ATPV = 13.6 CAL/CM<sup>2</sup> (HAF = 82%)

FR62 is constructed with highly innovative Bizflame Multi fabric. This comfortable garment offers protection against multiple risks including exposure to heat, fire, chemicals, electrical arcs and welding. Features include twin-stitched Hi-Vis strips on legs, a front brass zip and two flapped front pockets, one flapped back pocket and a lower tool pocket with flap.

24 CE  
 FR, IW  
 2 ARC  
 50 UPF

**Bizflame Multi 345g**  
 Yellow/Navy S-XXL

Example of combined Ebt/ATPV ratings

FR10 or FR11 + FR14 + FR62 + FR61 = ARC 3 33 CAL/CM<sup>2</sup>



FD01 363

ANTI-STATIC  
**BIZFLAME™**  
 FLAME-RESISTANT  
 CHEMICAL RESISTANT

**MULTI**

345g

Comfortable, Breathable Fabric

Triple-stitched seams

13.6  
 Cal/Cm<sup>2</sup>

**FR60** Hi-Vis Multi-Norm Coverall

EN ISO 11612 A1+A2, B1, C1, E3, F1  
 EN ISO 11611 CLASS 1 A1+A2

EN 1149 -5

FR, IW

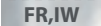
IEC 61482-2 IEC 61482-1-2 CLASS 1  
 EN 13034 TYPE 6

EN ISO 20471 CLASS 3

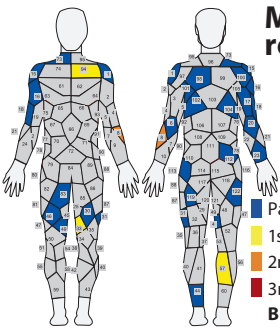
ASTM F1959/F1959M-12 ATPV=13.6 CAL/CM<sup>2</sup>  
 (HAF=82%)

FR60 is constructed with highly innovative Bizflame Multi fabric. This comfortable garment offers protection against multiple risks including exposure to heat, fire, chemicals, electrical arcs and welding. Features include twin-stitched Hi-Vis strips on chest, arms, shoulders and legs, concealed 2-way front brass zip, two concealed front chest pockets with piping detail, concealed side access pockets, hip pockets and rule pocket. The garment also has patented knee pad pockets designed with an innovative two tier adjustable system.

Bizflame Multi 345g  
 Yellow/Navy S-3XL



Best Burn Injury Prediction Results



Manikin test results for:

**FR60**

- Pain (21.1%),
- 1st° Burn (2.6%)
- 2nd° Burn (0.9%)
- 3rd° Burn (0.0%)

Burn Injury Prediction 0.9%

Combined Ebt/ATPV Ratings

FR10 or FR11 + FR14 + FR60 = ARC3 33 CAL/CM<sup>2</sup>



Outstanding Achievement:

This innovative product has been awarded the prestigious BSIF award for Best Product. The multi-norm fabric combined with the functional garment design is the result of extensive research and development aimed at creating an industry leading garment.



ASTM F1959/F1959M-12

345g



Adjustable straps

Brass zip

Back pocket

Rule pocket

Two tier knee pad pockets

13.6 Cal/Cm<sup>2</sup>

**FR63 Hi-Vis Multi-Norm Bib and Brace**

EN ISO 11612 A1+A2, B1, C1, E3, F1  
 EN ISO 11611 CLASS 1 A1+A2  
 EN 1149 -5  
 IEC 61482-2 IEC 61482-1-2 CLASS 1  
 EN 13034 TYPE 6  
 EN ISO 20471 CLASS 2  
 ASTM F1959/F1959M-12 ATPV=13.6 CAL/CM<sup>2</sup> (HAF=82%)



FR, IW



50 UPF

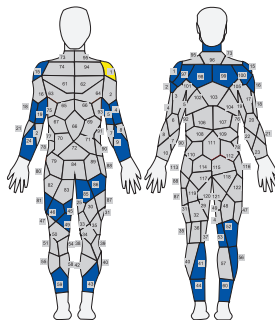
Bizflame Multi 345g  
 Yellow/Navy S-3XL

**Proprietary Flame Resistant Chemical Finish**

**Best Burn Injury Prediction Results**

Manikin test results for:

**FR63 & FR61**



- Pain (20.0%),
- 1st° Burn (1.0%)
- 2nd° Burn (0.0%)
- 3rd° Burn (0.0%)

**Burn Injury Prediction 0.0%**

Combined Ebt/ATPV Ratings

FR10 or FR11 • FR14 • FR63 = ARC3 33 CAL/CM<sup>2</sup>



Radio loops

Concealed stud front

Hook & Loop Strap for Secure Fit

Side pockets

Rule pocket

Two back pockets for cap and glove storage

Knee pad pockets

13.6 Cal/Cm<sup>2</sup>

**FR80 Multi-Norm Coverall**

EN ISO 11612 A1+A2 B1, C1, E3, F1  
 EN ISO 11611 CLASS 1 A1+A2  
 EN 1149 -5  
 IEC 61482-2 IEC 61482-1-2 CLASS 1  
 EN 13034 TYPE 6  
 ASTM F1959/F1959M-12 ATPV=13.6 CAL/CM<sup>2</sup> (HAF=82%)



Bizflame Multi 345g  
 Navy S-4XL

4XL

Combined Ebt/ATPV Ratings

FR10 or FR11 • FR14 • FR80 = ARC3 33 CAL/CM<sup>2</sup>



ANTI-STATIC  
**BIZFLAME™**  
FLAME-RESISTANT

**PLUS**

**350g**

**UK/USA Sizing**

**36"-54"**

**Fabric Information**

- ✓ BizFlame Plus has been developed and designed using a highly innovative flame resistant fabric with added anti-static properties.
- ✓ Constructed from 99% cotton and interwoven with 1% carbon fibres, 350g.
- ✓ Excellent tear and tensile strength offer durability while the premium quality cotton fibres give the fabric unrivalled comfort.
- ✓ Inherent anti-static carbon fibre

**Garment Benefits**

- ✓ Bizflame Plus garments provide protection to several EN standards.
- ✓ All of the Bizflame Plus garments have been put through the manikin test under EN ISO 11612 and have achieved excellent results demonstrating the level of protection offered to the wearer.
- ✓ Triple stitched throughout for strength in the toughest environments.
- ✓ Industrial wash flame resistant tape provides enhanced visibility.
- ✓ Prevents build up of wearer static energy

Radio loops

Stud-adjustable cuffs

Two back pockets for cap and glove storage

Flame resistant industrial wash tape

**Best Burn Injury Prediction Results**

**Manikin test results for:**  
**FF50, FR50**

- Pain (12.3%)
- 1st° Burn (0.9%)
- 2nd° Burn (0.0%)
- 3rd° Burn (0.0%)

**Burn Injury Prediction 0.0%**

**13.6**  
Cal/Cm<sup>2</sup>

**FF50**

**Aberdeen FR Coverall**

EN ISO 11612 A1+A2, B1, C1, E2, F1  
EN ISO 11611 CLASS 2 A1 + A2  
EN 1149-5  
IEC 61482-2 IEC 61482-1-2 CLASS 1  
ASTM F1959/F1959M-12 ATPV=13.6 CAL/CM<sup>2</sup> (HAF=82%)  
FABRIC CONFORMS TO NFPA 2112

Ideally suited to off shore industries this top of the range coverall comes in inch sizes for the perfect fit. Certified to a multitude of international standards the Aberdeen coverall offers top protection in a range of hazardous environments.

Two tier knee pad pockets

Combined Ebt/ATPV Ratings

FR10 or FR11 + FR14 = FF50 = ARC 3 33 CAL/CM<sup>2</sup>

**50 UPF**

**Bizflame Plus 350g**  
Navy, Orange, Red 36"-54"

350g

European Sizing

XS-6XL

Triple-stitched seams



13.6 Cal/Cm<sup>2</sup>

**FR50** Flame Resistant Anti-Static Coverall 350g

EN ISO 11612 A1+A2, B1, C1, E2, F1  
 EN ISO 11611 CLASS 2 A1+A2  
 EN 1149-5  
 IEC 61482-2 IEC 61482-1-2 CLASS 1  
 ASTM F1959/F1959M-12 ATPV=13.6 CAL/CM<sup>2</sup> (HAF=82%)  
 FABRIC CONFORMS TO NFPA 2112

NEW COLOUR NEW COLOUR



**Bizflame Plus 350g**  
 Navy, Orange, White, Red, Grey, Black, Royal

Combined Ebt/ATPV Ratings

FR10 or FR11 + FR14 + FR50 = ARC 3 33 CAL/CM<sup>2</sup>



	Reg	Tall
Navy	XS - 6XL	M - 3XL
Orange	XS - 5XL	S - 3XL
White	S - XXL	
Red	XS - 4XL	
Grey	S - XXL	
Black	S - XXL	
Royal	XS - 4XL	



ASTM F1959/  
 F1959M-12 NFPA 2112

ANTI-STATIC  
**BIZFLAME™**  
 FLAME-RESISTANT

**PLUS**

**280g**

Radio loops

# Premium Class 2 Welding Protection

**NEW COLOUR** **NEW COLOUR**

## Triple Stitched for Maximum Strength



Hook & Loop Strap  
 for Secure Fit

Rule pocket

Sleeve pocket

Two back  
 pockets for  
 cap and  
 glove  
 storage

Two tier  
 knee pad  
 pockets

**FR28** Flame Resistant Light  
 Weight Anti-Static Coverall  
**280g**



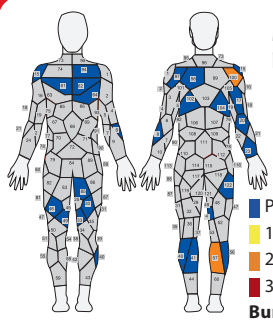
EN ISO 11612 A1+A2, B1, C1, F1  
 EN ISO 11611 CLASS 2 A1+A2  
 EN 1149 -5

Constructed using a lighter weight highly  
 innovative flame resistant BizFlame Plus  
 fabric.

**Bizflame Plus 280g**  
 Navy, Orange, Red,  
 Grey, Black, Royal



### Best Burn Injury Prediction Results



Manikin test  
 results for:  
**FR28**

- Pain (19.3%)
  - 1st° Burn (0.0%)
  - 2nd° Burn (1.8%)
  - 3rd° Burn (0.0%)
- Burn Injury  
 Prediction 1.8%**

**5XL**  
**XS**

	Reg
Navy	XS - 5XL
Orange	XS - 4XL
Red	S - 3XL
Grey	S - XXL
Black	S - XXL
Royal	S - 3XL

EN ISO 11612 EN ISO 11611 EN 1149



210g

NEW COLOUR

NEW COLOUR

FR21

Flame Resistant Super Light Weight Anti-Static

Coverall 210g

EN ISO 11612 A1+A2, B1, C1, F1

EN ISO 11611 CLASS 1 A1+A2

EN 1149-5



This coverall is perfect for the extra warm weather demands of the offshore industry. Constructed with a lighter weight highly innovative flame-resistant twill fabric.

Bizflame Plus 210g

Navy, Red, Khaki, Orange, Grey, Black, Royal



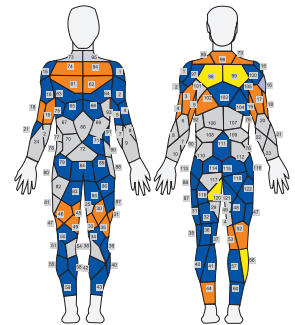
# Industry Leading Flame Resistant Solutions

	Reg
Navy	XS - 4XL
Red	S - 3XL
Khaki	S - 3XL
Orange	XS - 4XL
Grey	S - XXL
Black	S - XXL
Royal	XS - 3XL



Manikin test results for:

## FR21



- Pain (48.0%)
- 1st° Burn (6.0%)
- 2nd° Burn (19.0%)
- 3rd° Burn (0.0%)

**Burn Injury Prediction 19.0%**



ANTI-STATIC  
**BIZFLAME™**  
FLAME-RESISTANT

**PLUS**

670g

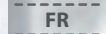
670g



**FR59** FR Anti-Static Winter Jacket

EN ISO 11612 A1+A2 B1, C1, E2, F1  
EN ISO 11611 CLASS 2 A1+A2  
EN 1149 -5  
EN 342 0.451M<sup>2</sup>.K/W(B) X,2,X

**NEW  
COLOUR**



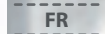
**Bizflame Plus 350g**  
100% Cotton Flame Resistant Lining 170g  
100% Polyester Flame Resistant Filling 150g  
Navy, Orange, Red S-3XL



**FR58** FR Anti-Static Winter Salopettes

EN ISO 11612 A1+A2 B1, C1, E2, F1  
EN ISO 11611 CLASS 2 A1+A2  
EN 1149 -5  
EN 342 0.451M<sup>2</sup>.K/W(B) X,2,X

**NEW  
COLOUR**



**Bizflame Plus 350g**  
100% Cotton Flame Resistant Lining 170g  
100% Polyester Flame Resistant Filling 150g  
Navy, Orange, Red S-3XL



EN ISO 11612 EN ISO 11611 EN 1149 EN 342



EN ISO 11612 EN ISO 11611 EN 1149 EN 342

670g

620g



Detachable hood

Brass zip

Two back pockets for cap and glove storage

Rule pocket

Knee pad pockets



Sleeve pocket

Two back patch pockets

Hook and loop adjustable cuffs

Knee pad pockets

**FR53 FR Anti-Static Winter Coverall**

EN ISO 11612 A1+A2, B1, C1, E2, F1  
EN ISO 11611 CLASS 2 A1+A2  
EN 1149 -5  
EN 342 0.467M<sup>2</sup>.K/W(B) X,2,X

**NEW COLOUR**



**Bizflame Plus 350g**  
100% Cotton Flame Resistant Lining 170g  
100% Polyester Flame Resistant Filling 150g  
Navy, Orange, Red S-3XL



**FRS2 Padded Winter Anti-Static Coverall**

EN ISO 11612 A1+A2, B1, C1, E2, F1  
EN ISO 11611 CLASS 2 A1+A2  
EN 1149 -5



**Bizflame Plus 350g**  
100% Cotton Flame Resistant Lining 170g  
100% Polyester Flame Resistant Filling 100g  
Navy, Orange S-3XL



EN ISO 11612 EN ISO 11611 EN 1149 EN 342



EN ISO 11612 EN ISO 11611 EN 1149

ANTI-STATIC  
**BIZFLAME™**  
FLAME-RESISTANT

**PLUS**

350g

NEW  
COLOUR

# Great Flame Resistant Designs

## Fabric Information

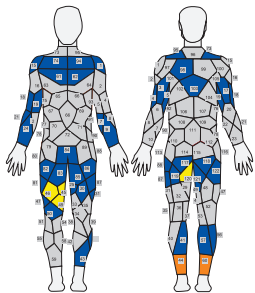
Constructed from 99% cotton and interwoven with 1% carbon fibres, this fabric has flame resistant and anti-static properties. Comfort and durability are key features of this range.

## Garment Benefits

- ✓ BizFlame Plus Jacket, Trousers and Bib and Brace have been developed and designed using the highly innovative Bizflame Plus flame resistant fabric with added anti-static properties.
- ✓ Certified to a range of international standards, these styles are perfect for the demands of the offshore and welding industry.
- ✓ Triple stitching and brass zips throughout for extra strength and durability.



## Manikin test results for:

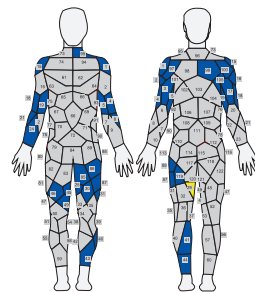


**FR55 & FR56**

- Pain (35.0%)
- 1st° Burn (2.0%)
- 2nd° Burn (3.0%)
- 3rd° Burn (0.0%)

**Burn Injury Prediction 3.0%**

## Manikin test results for:



**FR55 & FR57**

- Pain (24.0%)
- 1st° Burn (1.0%)
- 2nd° Burn (0.0%)
- 3rd° Burn (0.0%)

**Burn Injury Prediction 0.0%**

### FR55 Bizflame Plus Jacket

EN ISO 11612 A1+A2, B1, C1, E2, F1  
EN ISO 11611 CLASS 2 A1+A2  
EN 1149 - 5

FR,IW  
IEC 61482-2 IEC 61482-1-2 CLASS 1  
ASTM F1959/F1959M-12 ATPV=13.6 CAL/CM² (HAF=82%)  
FABRIC CONFORMS TO NFPA 2112

2 ARC  
5 UPF

Bizflame Plus 350g  
Navy/Red S-4XL  
Navy/Royal S-3XL

This Jacket is constructed with high visibility reflective tape double stitched for enhanced visibility. Features include triple stitched seams, high visibility strips on shoulders and arms, concealed front brass zip, two front chest pockets with flap and stud closure. Adjustable sleeve opening.

**4XL**  
**13.6**  
Cal/Cm²



350g

NEW COLOUR

ANTI-STATIC  
**BIZFLAME™**  
FLAME-RESISTANT

PLUS

350g

NEW COLOUR

## Triple-stitched seams



### FR56 Bizflame Plus Trousers

EN ISO 11612 A1+A2, B1, C1, E2, F1  
 EN ISO 11611 CLASS 2 A1+A2  
 EN 1149 -5  
 IEC 61482-2 IEC 61482-1-2 CLASS 1  
 ASTM F1959/F1959M-12 ATPV=13.6 CAL/CM<sup>2</sup> (HAF=82%)  
 FABRIC CONFORMS TO NFPA 2112



**Bizflame Plus 350g**  
 Reg: Navy/Red S-4XL, Navy/Royal S-3XL  
 Tall: Navy/Red M-XXL

4XL 13.6 Cal/Cm<sup>2</sup>

### FR57 Bizflame Plus Bib and Brace

EN ISO 11612 A1+A2, B1, C1, E2, F1  
 EN ISO 11611 CLASS 2 A1+A2  
 EN 1149 -5  
 IEC 61482-2 IEC 61482-1-2 CLASS 1  
 ASTM F1959/F1959M-12 ATPV=13.6 CAL/CM<sup>2</sup> (HAF=82%)  
 FABRIC CONFORMS TO NFPA 2112



**Bizflame Plus 350g**  
 Navy/Red S-4XL  
 Navy/Royal S-3XL

4XL 13.6 Cal/Cm<sup>2</sup>



The Perfect Balance of Design, Comfort and Protection

ANTI-STATIC  
**BIZFLAME™**  
FLAME-RESISTANT

**PLUS**

**350g**

# Best Burn Injury Prediction Results

## Fabric Information

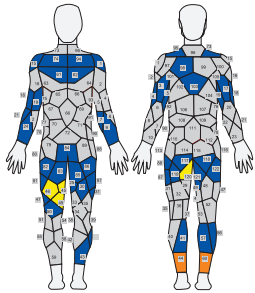
Constructed from 99% cotton and interwoven with 1% carbon fibres, this fabric has flame resistant and anti-static properties. Comfort and durability are key features of this range.

## Garment Benefits

- ✓ BizFlame Plus Jacket, Trousers and Bib and Brace have been developed and designed using the highly innovative Bizflame Plus flame resistant fabric with added anti-static properties.
- ✓ Certified to a range of international standards, these styles are perfect for the demands of the offshore and welding industry.
- ✓ Triple stitching and brass zips throughout for extra strength and durability.



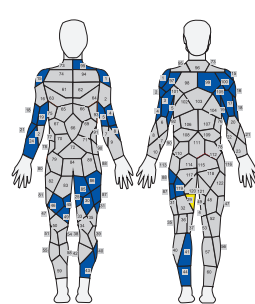
## Manikin test results for:



**FR25 & FR26**

- Pain (35.0%)
  - 1st° Burn (2.0%)
  - 2nd° Burn (3.0%)
  - 3rd° Burn (0.0%)
- Burn Injury Prediction 3.0%**

## Manikin test results for:



**FR25 & FR27**

- Pain (24.0%)
  - 1st° Burn (1.0%)
  - 2nd° Burn (0.0%)
  - 3rd° Burn (0.0%)
- Burn Injury Prediction 0.0%**

Two lower pockets with stud closure

Flame resistant industrial wash tape

**13.6**  
Cal./Cm<sup>2</sup>

### FR25 Bizflame Plus Jacket

	EN ISO 11612 A1+A2, B1, C1, E2, F1
	EN ISO 1149-5
	IEC 61482-2 IEC 61482-1-2 CLASS 1
	ASTM F1959/F1959M-12 ATPV=13.6 CAL/CM <sup>2</sup> (HAF=82%)
	FABRIC CONFORMS TO NFPA 2112
	<b>Bizflame Plus 350g</b>
	Navy, Orange S-4XL

Hook & Loop Strap for Secure Fit

This Jacket is constructed with high visibility reflective tape double stitched for enhanced durability. Features include triple stitched seams, high visibility strips on shoulders, and arms, concealed front brass zip, two front chest pockets with flap and stud closure. Adjustable sleeve opening.

**4XL**



350g

ANTI-STATIC  
**BIZFLAME™**  
FLAME-RESISTANT  
**PLUS**

350g

# Triple-stitched seams



**13.6**  
Cal/Cm<sup>2</sup>

Hook & Loop Strap for Secure Fit

**13.6**  
Cal/Cm<sup>2</sup>

## FR26 Bizflame Plus Trousers

- EN ISO 11612 A1+A2, B1, C1, E2, F1
- EN ISO 11611 CLASS 2 A1+A2
- EN 1149 -5
- FR,IW IEC 61482-2 IEC 61482-1-2 CLASS 1
- ASTM F1959/F1959M-12 ATPV=13.6 CAL/CM<sup>2</sup> (HAF=82%)
- FABRIC CONFORMS TO NFPA 2112

24 CE

FR,IW

2 ARC

7 50+ UPF

**Bizflame Plus 350g**  
Reg: Navy XS-4XL  
Orange S-4XL  
Tall: Navy, Orange M-XXL

**4XL**  
**XS**

## FR27 Bizflame Plus Bib and Brace

- EN ISO 11612 A1+A2, B1, C1, E2, F1
- EN ISO 11611 CLASS 2 A1+A2
- EN 1149 -5
- FR,IW IEC 61482-2 IEC 61482-1-2 CLASS 1
- ASTM F1959/F1959M-12 ATPV=13.6 CAL/CM<sup>2</sup> (HAF=82%)
- FABRIC CONFORMS TO NFPA 2112

18 CE

FR,IW

2 ARC

7 50+ UPF

**Bizflame Plus 350g**  
Navy S-3XL  
Orange S-4XL

**4XL**

**CE CAT III**

EN ISO 11612 EN ISO 11611 EN 1149 IEC 61482-2

ASTM F1959/F1959M-12

**CE CAT III**

EN ISO 11612 EN ISO 11611 EN 1149 IEC 61482-2

ASTM F1959/F1959M-12

ANTI-STATIC  
**BIZFLAME™**  
 FLAME-RESISTANT

**ULTRA**

**340g**

# Industrially Launderable

PRO	1	
	2	
	3	
	4	
	5	
	6	
	7	
	8	

Meets industrial  
 laundry requirements.  
 Wash at 75°C  
 Tumble dry at 155°C

## Fabric Information

Bizflame Ultra is blended from 80% cotton, 19% FR polyester and 1% carbon fibre, 340g. The FR polyester content in Bizflame Ultra provides excellent abrasion, shrinkage and colour fastness. This fabric is tough enough to withstand the rigours of industrial laundry making it ideal for the off shore industry.

## Garment Benefits

- ☑ Bizflame Ultra has been developed to perform in the toughest conditions.
- ☑ Ideal for industries such as oil and gas where durability is a must, Bizflame Ultra is certified to a range of EN standards offering optimum protection in a range of hazardous situations.
- ☑ Styles in this range are metal free, minimising the risk of static electricity hazards and of damage to surfaces.

## Chemical Resistant



**100%  
 Metal Free**

**16  
 Cal/Cm<sup>2</sup>**

### FR93 Bizflame Ultra Coverall



EN ISO 11612 A1+A2, B1, C1, E2, F1  
 EN ISO 11611 CLASS 1 A1+A2  
 EN 1149 -5



EN 13034 TYPE 6  
 IEC 61482-2 IEC 61482-1-2 CLASS 1



ASTM F1959/F1959M-12 ATPV 16 CAL/CM<sup>2</sup> (HAF 83.7%)

**Bizflame Ultra 340g**

Reg: Navy, Orange S-3XL  
 Reg: 31" or 79cm adjustable to Tall 33" or 84cm

Independently certified to five international safety standards, the Bizflame Ultra coverall is built for versatility. The special FR polyester in the fabric ensures maximum longevity in the toughest environments.



EN ISO 11612 EN ISO 11611 EN 1149 EN 13034 IEC 61482-2 ASTM F1959/F1959M-12



# ANTI-STATIC BIZFLAME™ FLAME-RESISTANT

## WILDLAND FIRE

### Fabric Information

This lightweight fabric provides a level of comfort, softness and moisture management reducing the risk of heat stress in hot environments and designed to protect against the hazards of wildland fires.

### Garment Benefits

- ✓ Tape on shoulders for overhead visibility
- ✓ High collar, offering full neck protection, designed to suit all helmets
- ✓ Radio pocket designed to suit all sizes
- ✓ Knitted cuffs / Tab and hook & loop adjustment to prevent debris entering sleeves when working overhead.

### EN 15614: 2007

#### Test Methods And Performance Requirements For Wildfire Fighting Clothing

This European standard specifies methods of test and minimum performance requirements for protective clothing, designed to protect the wearer's body, except the head, hands and feet, to be worn in wildland firefighting and associated activities. This clothing is not intended to provide protection during fire entrapment. This European standard covers the general design of the clothing, the minimum level of performance for the materials employed and the methods of test to determine these levels.

This European standard is not applicable to clothing for use in situations encountered in structural firefighting (EN 469 and ISO 11613) or where a high level of radiant heat is expected (EN 1486), nor does this European standard cover clothing to protect against chemical, biological, electrical or radiation hazards.

## Wildland Fire Protection

Perfect for Fire  
Protection in  
Warmer  
Climates

280g



Radio pocket designed to fit all sizes

Knitted cuff

Cargo pockets on side leg

Double-layer knee protection

Flame resistant reflective tape

Innovative,  
Lightweight,  
Flame  
Resistant  
Fabric

### FR98 Wildland Fire Coverall

EN ISO 11612 A1+A2, B1, C1

EN 15614

EN 1149 -5



FR

This coverall is perfect for the warm weather demands of wildland fires. Constructed with a light weight highly innovative flame-resistant fabric with special features to protect the wearer from the hazards associated with outdoor fires.



Bizflame Plus 280g

Navy S-XXL



EN ISO 11612 EN 15614 EN 1149

ANTI-STATIC  
**BIZFLAME™**  
 FLAME-RESISTANT

**PRO**

### Fabric Information

This fabric has been designed and developed to provide flame, welding and anti static protection.

Constructed from 99% cotton and 1% carbon fibre, 330g. The carbon fibres are evenly spread along the warp to achieve optimum anti static protection.

### Garment Benefits

The Bizflame Pro range of garments has been designed for performance and function while providing effective protection at all times.

These styles have been independently tested and are perfect for the demands of the offshore and welding industry.

# Engineered For Endurance

330g

330g



Radio loop  
 Concealed phone pocket  
 Chest pockets with stud closure



Back pocket  
 Brass zip  
 Rule pocket  
 Elasticated back waist

### FR35 Bizflame Pro Jacket

EN ISO 11612 A1+A2, B1, C1, E3, F1  
 EN ISO 11611 CLASS 1 A1+A2  
 EN 1149 -5



The Bizflame Pro Jacket provides comfort and outstanding protection. Functional features include a chest pocket with a concealed mobile phone section and a handy radio loop.

Bizflame Pro 330g  
 Grey, Navy S-3XL

### FR36 Bizflame Pro Trousers

EN ISO 11612 A1+A2, B1, C1, E3, F1  
 EN ISO 11611 CLASS 1 A1+A2  
 EN 1149 -5



This rugged trouser offers comfort, strength and protection to several EN standards. Winning features include a comfort waistband, rule pocket and a handy patch pocket at the back.

Bizflame Pro 330g  
 Reg: Grey S-3XL  
 Reg: Navy S-3XL  
 Tall: Navy M-XXL



EN ISO 11612 EN ISO 11611 EN 1149



EN ISO 11612 EN ISO 11611 EN 1149

330g

Twin-stitched seams



Chest pocket

Back pocket

Brass zip

Rule pocket

330g

Phone pocket

Radio loop

Brass zip



Rule pocket

Stud-adjustable cuffs

## Flame Resistant, Anti-Static Protection

### FR37 Bizflame Pro Bib and Brace

EN ISO 11612 A1+A2, B1, C1, E3, F1  
EN ISO 11611 CLASS 1 A1+A2  
EN 1149 -5



This classic bib provides complete lower body and chest protection. The large chest pocket is ideal for storing tools or personal belongings. Other handy features include a double rule pocket, a flapped back pocket and elasticated straps for comfort and ease of movement.

Bizflame Pro 330g  
 Grey, Navy S-3XL

### FR38 Bizflame Pro Coverall

EN ISO 11612 A1+A2, B1, C1, E3, F1  
EN ISO 11611 CLASS 1 A1+A2  
EN 1149 -5



This classic coverall is a great addition to the flame resistant range. Offering lots of functional features such as a radio loop and concealed mobile phone pocket this style guarantees maximum comfort, performance and safety.

Bizflame Pro 330g  
 Navy S-3XL



EN ISO 11612  
 EN ISO 11611  
 EN 1149



EN ISO 11612  
 EN ISO 11611  
 EN 1149

ANTI-STATIC  
**BIZFLAME™**  
FLAME-RESISTANT

**PRO**

### Fabric Information

This fabric has been designed and developed to provide flame, welding and anti static protection. Constructed from 99% cotton and 1% carbon fibre, 330g. The carbon fibres are evenly spread along the warp to achieve optimum anti static protection.

**330g**

**330g**

**Maximum Protection Against Numerous Hazards**



Rule pocket

Cargo pocket on side leg

Knee pad pockets

**Surpassing Multiple EN Standards**



Radio loops

Concealed brass zips on chest pockets

Rule pocket

Hook & Loop Strap for Secure Fit

Side access

Knee pad pockets

### FR92 Hi-Vis Bizflame Pro Trousers

EN ISO 11612 A1+A2, B1, C1, E3, F1  
EN ISO 11611 CLASS 1 A1+A2  
EN 1149  
EN ISO 20471 CLASS 2

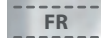


This contemporary design offers maximum protection to multiple EN standards and guarantees excellent comfort. This high visibility two-tone trouser features an easy-access leg cargo pocket, functional rule pocket and two spacious hip pockets.

**Bizflame Pro 330g**  
Yellow/Navvy S-XXL

### FR90 Bizflame Services Coverall

EN ISO 11612 A1+A2, B1, C1, E3, F1  
EN ISO 11611 CLASS 1 A1+A2  
EN 1149  
EN ISO 20471 CLASS 3



This hi-vis anti-static Coverall has a concealed brass zip on each chest pocket and front opening. This coverall offers the optimum solution for those in a service position.

**Bizflame Pro 330g**  
Yellow/Red S-3XL



EN ISO 11612 EN ISO 11611 EN 1149 EN ISO 20471



EN ISO 11612 EN ISO 11611 EN 1149 EN ISO 20471

330g



Radio loops

Stud-adjustable cuffs

Concealed stud front

Knee pad pockets

**Flame Resistant Tape Gives Added Visibility**



**BIZ7 Hi-Vis Anti-Static Bizflame Pro Coverall**

EN ISO 11612 A1+A2, B1, C1, E3, F1  
EN ISO 11611 CLASS 1 A1+A2  
EN 1149  
EN ISO 20471 CLASS 3



The Hi-Vis Anti-static Bizweld Coverall offers all the benefits of flame resistant fabric with added hi vis and anti-static protection.

**Bizflame Pro 330g**  
**Yellow/Navy S-4XL**

4XL



EN ISO 11612 EN ISO 11611 EN 1149 EN ISO 20471

# BIZWELD™

## FLAME-RESISTANT

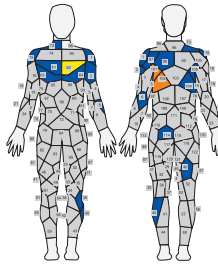
### Fabric Information

Bizweld is a proprietary, flame resistant, 100% high grade cotton fabric. This is a high technology fabric developed for maximum performance, comfort and durability



### Manikin test results for:

## BIZ1



- Pain (12.3%)
- 1st° Burn (0.9%)
- 2nd° Burn (1.8%)
- 3rd° Burn (0.0%)

**Burn Injury Prediction 1.8%**

### BIZ1

### Bizweld Flame Resistant Coverall

EN ISO 11612 A1+A2, B1, C1, E1, F1  
 EN ISO 11611 CLASS 1 A1+A2  
 ASTM F1959/F1959M-12 ATPV=11.2 CAL/CM² (HAF=80.4%)  
 FABRIC CONFORMS TO NFPA 2112



Voted the number one favourite coverall in the welding industry, our best selling Bizweld coverall is ideal for offering complete protection to workers exposed to heat. The generous fit provides comfort and allows the wearer to work unhindered whilst ample storage space, rule pocket and concealed mobile phone pocket hold equipment securely and safely.

**Bizweld 330g**  
 Black, Green, Grey, Navy, Orange, Red, Royal

	Reg	Tall
Black	XS - 4XL	M - 3XL
Green	S - 3XL	L - XXL
Grey	S - 3XL	
Navy	XS - 6XL	S - 5XL
Orange	S - 4XL	L - 3XL
Red	XS - 5XL	L - 3XL
Royal	S - 4XL	L - 3XL



## Garment Benefits

The garments in the Bizweld Flame Resistant range have been specially designed to guarantee comfort, performance and safety whilst providing effective function at all times. This range has been rigorously tested to ensure total compliance with the latest international standards.

# BIZWELD™

## FLAME-RESISTANT



# IONA

### BIZ5 Bizweld Iona Coverall

EN ISO 11612 A1+A2, B1, C1, E1, F1  
 EN ISO 11611 CLASS 1 A1+A2  
 ASTM F1959/F1959M-12 ATPV=11.2 CAL/CM<sup>2</sup> (HAF=80.4%)  
 FABRIC CONFORMS TO NFPA 2112

FR



2 ARC



8

50 UPF

The Bizweld Iona Coverall offers visible protection to the wearer. Clever design features include flame resistant reflective tape on the shoulders, sleeves and legs, the option to insert knee pads when needed, ample storage space and a rule pocket. A very popular style.

Bizweld 330g  
 Black, Navy, Orange, Red, Royal

	Reg	Tall
Black	S - 3XL	
Navy	XS - 5XL	M - 3XL
Orange	XS - 5XL	M - XL
Red	S - 3XL	M - XL
Royal	S - 3XL	

5XL  
XS

11.2  
Cal/Cm<sup>2</sup>



EN ISO 11612  
 EN ISO 11611

ASTM F1959/  
F1959M-12  
NFPA 2112

**Combines Exceptional Protection with Unrivalled Value** | 173

330g

# BIZWELD™

## FLAME-RESISTANT

### BIZ2 Bizweld Jacket

EN ISO 11612 A1+A2, B1, C1, E1, F1  
 EN ISO 11611 CLASS 1 A1+A2  
 ASTM F1959/F1959M-12 ATPV=11.2 CAL/CM² (HAF=80.4%)  
 FABRIC CONFORMS TO NFPA 2112



2 ARC  
 50 UPF

The Bizweld Jacket provides the wearer with all day protection and comfort. Features include secure stud fasteners down the front and two chest pockets with flaps. This flame resistant jacket also includes a concealed mobile phone pocket.

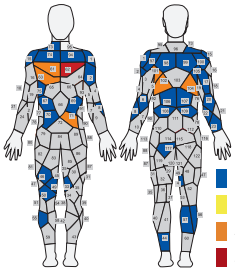
**Bizweld 330g**  
 Black, Green, Navy, Orange, Royal

5XL  
 XS  
 11.2  
 Cal/Cm²

	Reg
Black	S - 3XL
Green	M - XXL
Navy	XS - 5XL
Orange	S - 3XL
Royal	S - 3XL

Stud-adjustable cuffs

### Manikin test results for:



**BIZ2 & BZ30**

- Pain (28.9%)
- 1st° Burn (0.0%)
- 2nd° Burn (4.4%)
- 3rd° Burn (0.9%)

**Burn Injury Prediction 5.3%**





330g

# BIZWELD™ FLAME-RESISTANT

Half elasticated waist

## BZ30 Bizweld Trousers



EN ISO 11612 A1+A2, B1, C1, E1, F1

EN ISO 11611 CLASS 1 A1+A2

ASTM F1959/F1959M-12 ATPV=11.2 CAL/CM<sup>2</sup> (HAF=80.4%)

FABRIC CONFORMS TO NFPA 2112

Designed to give maximum protection and comfort to the wearer, the Bizweld Trousers will keep you safe. The garment has twin stitched seams for extra strength and side pockets with a conveniently placed rule pocket for quick and easy accessibility.



Bizweld 330g

Black, Green, Navy, Orange, Royal

Rule pocket

5XL  
XS

11.2  
Cal/Cm<sup>2</sup>

	Reg	Tall
Black	S - XXL	M - XL
Green	S - XXL	M - XL
Navy	XS - 5XL	S - 3XL
Orange	S - XXL	M - XL
Royal	S - XXL	M - XL

## Industry Leading Styles

BIZ2

BZ30



EN ISO 11612



EN ISO 11611

ASTM  
F1959/  
F1959M-12

NFPA  
2112

## Complete Protection for Welding

237g

**BIZFLAME™**  
FLAME-RESISTANT

88/12

  
DUAL  
HAZARD  
PROTECTION



**NEW**

8.2  
Cal/Cm<sup>2</sup>

**FR89 Bizflame 88/12 Shirt**

EN ISO 11612 A1 +A2, B1, C1  
NFPA® 70E  
NFPA® 2112  
ASTM F1506-10A  
ASTM F1959/F1959M-12 ATPV 8.2 CAL/CM2 (HAF 69.1%)

24

2



2  
ARC

CE

50+  
UPF

5XL

This stylish shirt is lightweight and comfortable. Maximum protection is guaranteed with permanent flame resistance and ARC2 protection against electric arc. The shirt tail will stay tucked in during movement and all day wear. Handy features include adjustable button cuffs and flapped chest pockets.

 Bizflame 88/12 237g  
 Grey, Navy S-5XL

330g

**BIZWELD™**  
FLAME-RESISTANT

11.2  
Cal/Cm<sup>2</sup>

**BZ31 Bizweld Cargo Pant**

EN ISO 11612 A1 +A2, B1, C1, E1, F1  
EN ISO 11611 CLASS 1 A1+A2  
NFPA® 70E  
NFPA® 2112  
ASTM F1506-10A  
ASTM F1959/F1959M-12 ATPV 11.2 CAL/CM2 (HAF = 80.4%)

24

7

2  
ARC

CE

50+  
UPF

CE

 Bizweld 330g  
 Grey, Navy S-5XL

  
DUAL  
HAZARD  
PROTECTION

5XL



**NEW**

Elasticated back waist

 ASTM  
F1959/  
EN ISO 11612 F1959M-12

 CE  
CAT  
III

 EN ISO 11612  
 EN ISO 11611

ASTM  
F1959/  
F1959M-12

330g

**BIZWELD**<sup>TM</sup>  
FLAME-RESISTANT

330g



11.2  
Cal/Cm<sup>2</sup>

11.2  
Cal/Cm<sup>2</sup>

**BIZ4 Bizweld Bib and Brace**

EN ISO 11612 A1+A2, B1, C1, E1, F1  
EN ISO 11611 CLASS 1 A1+A2  
ASTM F1959/F1959M-12 ATPV=11.2 CAL/CM<sup>2</sup> (HAF=80.4%)  
FABRIC CONFORMS TO NFPA 2112

**BIZ6 Bizweld Hooded Coverall**

EN ISO 11612 A1+A2, B1, C1, E1, F1  
EN ISO 11611 CLASS 1 A1+A2  
ASTM F1959/F1959M-12 ATPV=11.2 CAL/CM<sup>2</sup> (HAF=80.4%)  
FABRIC CONFORMS TO NFPA 2112

Offering complete lower body and chest protection, the Bizweld™ Bib and Brace garment has been designed with the safety and protection of the wearer in mind. It has been constructed with a large chest flap pocket in the front for carrying tools or personal belongings and also boasts two side pockets, a back hip pocket with flap and a rule pocket. The adjustable elasticated straps offer maximum comfort and a perfect fit.

The Bizweld Hooded Coverall offers a built-in head protection option to the wearer plus added design features including knee pad pockets and a back hip pocket with flap.

 Bizweld 330g  
 Navy, Orange S-3XL

 Bizweld 330g  
 Navy S-3XL



# SAFE WELDER™

Radio loop

Side elastic waist



Side access

Certified against molten metal splash

This fabric is 100% Eco Cotton with a unique flame resistant finish.

## C030 CE Safe-Welder Coverall

EN ISO 11612 A1+A2, B1, C1, E1, F1  
EN ISO 11611 CLASS 1 A1+A2

18

CE

☎

👕

50 UPF

Offering complete protection all day long and fantastic value for money, the Safe-Welder™ Coverall is a great choice for welders and industrial workers who are exposed to heat. The side elastic gives the wearer a more comfortable fit and multiple pockets keep tools and personal belongings safe.

Safe Welder 330g  
 Green, Navy, Orange, Red, Royal

	Reg	Tall
Green	S - 3XL	
Navy	XS - 5XL	S - 3XL
Orange	S - 3XL	
Red	S - 3XL	
Royal	S - 3XL	

5XL  
XS

ANTI-STATIC  
**BIZWELD**  
FLAME-RESISTANT

MOLE

450g

Internal chest pocket

Radio loops



Concealed stud front

Side pockets

Knee pad pockets

## BZ40 Bizweld Moleskin Coverall

EN ISO 11612 A1+A2, B2, C1, E3, F1  
EN ISO 11611 CLASS 2 A1+A2  
EN 1149 -5  
IEC 61482-2 IEC 61482-1-2 CLASS 1

10

8

CE

☎

👕

50 UPF

The Bizweld Mole Coverall offers a coverall with heavy duty front stud closure. One internal chest pocket, two front swing pockets, two large back pockets with flaps, the option to insert knee pads when needed, ample storage space and a rule pocket.

Bizweld Mole 450g  
 Navy S-3XL

CE CAT III



EN ISO 11612 EN ISO 11611



CE CAT III



EN ISO 11612 EN ISO 11611 EN 1149 IEC 61482-2





### BZ12 Bizweld Cape Hood

EN ISO 11612 A1+A2, B1, C1, E1, F1  
 EN ISO 11611 CLASS 1 A1+A2  
 ASTM F1959/F1959M-12 ATPV=11.2 CAL/CM<sup>2</sup>  
 (HAF=80.4%)  
 FABRIC CONFORMS TO NFPA 2112

50  
10



2  
ARC

50+  
UPF

Designed to give maximum protection and comfort to the wearer, the Bizweld cape hood will help keep you safe in dangerous work environments. The cape hood is made with a self fabric drawcord to allow for adjustment for a comfortable fit. Must be worn with a suitable overall or jacket combination.

Bizweld 330g  
 Navy One Size

11.2  
Cal/Cm<sup>2</sup>



Adjustable straps

Front hook & loop pocket

### SW10 Leather Welding Apron

EN ISO 11611 CLASS 2 A1

30



Split Cowhide Leather  
 Golden Brown  
 91cm X 58cm



### SW33 Leather Hood

EN ISO 11611 CLASS 2 A1

40



Providing vital protection for the head and neck area this premium quality hood is made of split cowhide leather. The strong material is suitable for the toughest welding jobs.

Split Cowhide Leather  
 Golden Brown One Size

**Extra Protection for Heavy Welding Jobs**



### BZ11 Bizweld Sleeves

EN ISO 11612 A1+A2, B1, C1, E1, F1  
 EN ISO 11611 CLASS 1 A1+A2  
 ASTM F1959/F1959M-12 ATPV=11.2 CAL/CM<sup>2</sup>  
 (HAF=80.4%)  
 FABRIC CONFORMS TO NFPA 2112

100  
10

2



Bizweld 330g  
 Navy One Size - Pair

2  
ARC

50+  
UPF

11.2  
Cal/Cm<sup>2</sup>



### SW20 Leather Welding Sleeves

EN ISO 11611 CLASS 2 A1

48

2



Split Cowhide Leather  
 Golden Brown  
 40cm length, One Pair



### SW32 Leather Welding Boot Cover

EN ISO 11611 CLASS 2 A1

40



2

Split Cowhide Leather  
 Golden Brown 36cm/14"





### Fabric Information

Constructed from a flame resistant, PU coated, polyester fabric 260g, the lightweight and durable Sealtex Flame suit is designed to offer full protection against adverse weather conditions and flame hazards.

### Garment Benefits

Certified to EN ISO 14116, EN1149, EN13034 & EN343 with an EN ISO 20471 option. The lightweight and flexible fabric with welded seams ensures reliability under the most extreme conditions. The durable, stretchy fabric can easily be wiped clean, allowing the garments to look good and last for longer.

## Complete Waterproof Protection

Two-way front plastic moulded zip

Welded waterproof seams

Fully elasticated waistband

Stud-adjustable cuffs

Stud adjustable hems

### FR46 Sealtex Flame Jacket

EN ISO 14116 INDEX 1 /5H/40  
EN 1149 -5  
EN 13034 TYPE 6  
EN 343 CLASS 3:1



Sealtex Flame 240g  
Navy S-3XL

### FR47 Sealtex Flame Trousers

EN ISO 14116 INDEX 1 /5H/40  
EN 1149 -5  
EN 13034 TYPE 6  
EN 343 CLASS 3:1



Sealtex Flame 240g  
Navy S-3XL



EN ISO 14116 EN 1149 EN 13034 EN 343



EN ISO 14116 EN 1149 EN 13034 EN 343

# SEALTEX FLAME™

## HI-VIS

### Maximum Wind, Rain and Flame Protection



#### FR41 Sealtex Flame Hi-Vis Jacket

EN ISO 14116 INDEX 1 /5H/40  
EN 1149 -5  
EN 13034 TYPE 6  
EN ISO 20471 CLASS 3  
EN 343 CLASS 3:1



Sealtex Flame 260g  
Orange S-3XL  
Yellow S-4XL

4XL

#### FR43 Sealtex Flame Hi Vis Trouser

EN ISO 14116 INDEX 1 /5H/40  
EN 1149 -5  
EN 13034 TYPE 6  
EN ISO 20471 CLASS 1  
EN 343 CLASS 3:1



Sealtex Flame 260g  
Orange, Yellow S-3XL



EN ISO 14116 EN 1149 EN 13034 EN ISO 20471 EN 343



EN ISO 14116 EN 1149 EN 13034 EN ISO 20471 EN 343

Provides Powerful Flame Resistant Performance | 181

ANTI-STATIC  
**BIZFLAME™**  
FLAME-RESISTANT

**RAIN**

**Fabric Information**

Combining a 98% polyester and 2% anti-static carbon fibre 250g, this breathable fabric offers maximum protection to a range of International standards.



Drawcord hood and hem

**LINED**

Concealed phone pocket

Internal chest pocket

Breathable  
**CLASS 3:3**

**S779**

**Bizflame Rain Hi-Vis Multi-Protection Jacket**

EN ISO 14116 INDEX 3/12H/40  
EN 1149-5  
EN 13034 TYPE 6  
EN ISO 20471 CLASS 3  
RIS-3279-TOM ISSUE 1 (ORANGE ONLY)  
GO/RT 3279 ISSUE 8 (ORANGE ONLY)  
EN 343 CLASS 3:3



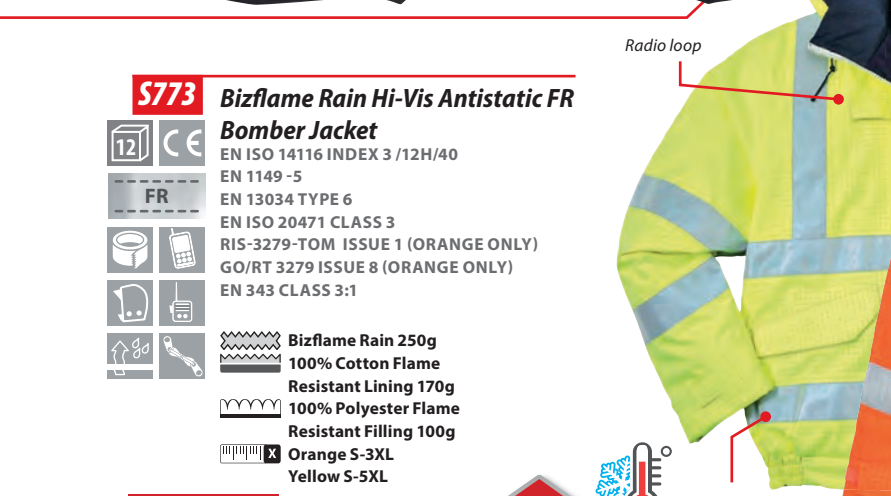
**Bizflame Rain 250g**  
100% Cotton Flame Resistant Lining 170g  
Removable Flame Resistant Fleece Liner 350g  
Orange/Navy S-XXL  
Yellow/Navy S-3XL

**Full Zip Around Removable Fleece Lining**

**MULTI IMPROVED**

**CE CAT III**

EN ISO 14116 EN 1149 EN 13034 EN ISO 20471 RIS 3279 EN 343



**PADDED**

Concealed detachable hood

Phone pocket

Radio loop

**S773 Bizflame Rain Hi-Vis Antistatic FR Bomber Jacket**



EN ISO 14116 INDEX 3 /12H/40  
EN 1149-5  
EN 13034 TYPE 6  
EN ISO 20471 CLASS 3  
RIS-3279-TOM ISSUE 1 (ORANGE ONLY)  
GO/RT 3279 ISSUE 8 (ORANGE ONLY)  
EN 343 CLASS 3:1

**Bizflame Rain 250g**  
100% Cotton Flame Resistant Lining 170g  
100% Polyester Flame Resistant Filling 100g  
Orange S-3XL  
Yellow S-5XL

**MULTI**

**5XL**



Flame resistant reflective tape

Internal chest pocket

Print-access

**CE CAT III**

EN ISO 14116 EN 1149 EN 13034 EN ISO 20471 RIS 3279 EN 343



**PADDED**

# Fixed Flame Resistant Quilt Lining

## **S778** Bizflame Rain Hi-Vis Antistatic FR

### Jacket

EN ISO 14116 INDEX 3/12H/40  
EN 1149  
EN 13034 TYPE 6  
EN ISO 20471 CLASS 3  
RIS-3279-TOM ISSUE 1 (ORANGE ONLY)  
GO/RT 3279 ISSUE 8 (ORANGE ONLY)  
EN 343 CLASS 3:1

- Bizflame Rain 250g
- 100% Cotton Flame Resistant Lining 170g
- 100% Polyester Flame Resistant Filling 100g
- Orange XS-4XL
- Yellow XS-6XL



**MULTI**



**LIGHTWEIGHT**

## **S774** Bizflame Rain Hi-Vis Multi Lite

### Jacket

EN ISO 14116 INDEX 3/12H/40  
EN 1149-5  
EN 13034 TYPE 6  
EN ISO 20471 CLASS 3  
RIS-3279-TOM ISSUE 1 (ORANGE ONLY)  
GO/RT 3279 ISSUE 8 (ORANGE ONLY)  
EN 343 CLASS 3:3

A new great value addition to our Multi-Protection Range, the S774 jacket is an unpadded lightweight jacket hosting a multitude of functional features and benefits.

- Bizflame Rain 250g
- 100% Cotton Flame Resistant Lining 170g
- Orange, Yellow S-3XL



Breathable  
**CLASS 3:3**

**MULTI**





**LINED**

Breathable  
**CLASS 3:3**

Quick release buckle

Quick release buckle

Fully elasticated waistband

Back waist baffle for added protection

Zipped ankles

Zipped ankles

**S780 Bizflame Rain Unlined - Hi Vis Antistatic FR Trouser**



EN ISO 14116 INDEX 1/12H/40

EN 1149 -5

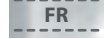
EN 13034 TYPE 6

EN ISO 20471 CLASS 1

RIS-3279-TOM ISSUE 1 (ORANGE ONLY)

GO/RT 3279 ISSUE 8 (ORANGE ONLY)

EN 343 CLASS 3:3



**Bizflame Rain 250g**  
Orange S-XXL  
Yellow S-4XL

**4XL**

**MULTI**

**S781 Bizflame Rain Lined- Hi-Vis Antistatic FR Trouser**



EN ISO 14116 INDEX 3/12H/40

EN 1149 -5

EN 13034 TYPE 6

EN ISO 20471 CLASS 1

RIS-3279-TOM ISSUE 1 (ORANGE ONLY)

GO/RT 3279 ISSUE 8 (ORANGE ONLY)

EN 343 CLASS 3:3



**Bizflame Rain 250g**  
100% Cotton Flame Resistant Lining 170g  
Yellow S-XXL  
Orange M-XXL

**MULTI**



EN ISO 14116 EN 1149 EN 13034 EN ISO 20471 RIS 3279 EN 343



EN ISO 14116 EN 1149 EN 13034 EN ISO 20471 RIS 3279 EN 343

ANTI-STATIC  
**BIZFLAME™**  
FLAME-RESISTANT

**RAIN**

**PADDED**

Concealed phone pocket



Internal chest pocket

**S776 Bizflame Rain Hi-Vis Antistatic FR Bodywarmer**







EN ISO 14116 INDEX 3/12H/40  
EN 1149 -5



EN 13034 TYPE 6 PB  
EN ISO 20471 CLASS 2  
RIS-3279-TOM ISSUE 1 (ORANGE ONLY)  
GO/RT 3279 ISSUE 8 (ORANGE ONLY)



A great addition to the Bizflame Rain Range, this multi-functional bodywarmer offers all the safety properties of the other garments in this range including a concealed mobile phone pocket under the stormflap for easy access and a quilted flame resistant lining for maximum protection and comfort.

-  Bizflame Rain 250g
-  100% Cotton Flame Resistant Lining 170g
-  100% Polyester Flame Resistant Filling 100g
-  Orange, Yellow S-3XL

**MULTI**



LINED

**LINED**

Back waist buggy for added protection

Quick release buckle

Fully elasticated waistband



Taped seams

Zippered ankles

**S782 Bizflame Rain Hi-Vis Multi-Protection Trousers**



EN ISO 14116 INDEX 3/12H/40  
EN 1149 -5



EN 13034 TYPE 6  
EN ISO 20471 CLASS 2  
RIS-3279-TOM ISSUE 1 (ORANGE ONLY)  
GO/RT 3279 ISSUE 8 (ORANGE ONLY)  
EN 343 CLASS 3:3



-  Bizflame Rain 250g
-  100% Cotton Flame Resistant Lining 170g
-  Orange/Navy, Yellow/Navy M-XXL

Breathable  
**CLASS 3:3**

**MULTI**



EN ISO 14116 EN 1149 EN 13034 EN ISO 20471



EN ISO 14116 EN 1149 EN 13034 EN ISO 20471



**Multiple EN Standards**

# Excellent All Weather Protection



**S775 Bizflame Rain Hi-Vis Multi Coverall**



EN ISO 14116 INDEX 3/12H/40  
 EN 1149 -5  
 EN 13034 TYPE 6  
 EN ISO 20471 CLASS 3  
 EN 343 CLASS 3:1  
 GO/RT 3279 ISSUE 8  
 RIS-3279-TOM ISSUE 1 (ORANGE ONLY)

Premium protection coverall combining hi-vis, flame resistant, chemical-resistant, anti-static, waterproof and breathable protection. Designed specifically for the oil and gas industry, this coverall is packed full of features such as: Full front stormflap with touch and grip fastening, fully lined, detachable hood, two large cargo thigh pockets & concealed phone pocket, zipped side opening on legs making it easier to take on and take off and shoulder reflective tape for maximum visibility.

Bizflame Rain 250g  
 100% Cotton Flame Resistant Lining 170g  
 100% Polyester Flame Resistant Filling 100g  
 Orange/Navy S-3XL

S775

A320 458

PW54 542

Multiple storage pockets

Waterproof with taped seams

Flame resistant reflective tape

FD01 363

**MULTI**



EN ISO 14116 EN 1149 EN 13034 EN ISO 20471 RIS 3279 EN 343

ANTI-STATIC  
**BIZFLAME**<sup>TM</sup>  
 FLAME-RESISTANT

**RAIN**

**Fabric Information**

Combining a 98% polyester and 2% anti-static carbon fibre 250g, this breathable fabric offers maximum protection to a range of International standards.

**Garment Benefits**

High quality flame and chemical resistant materials, taped seams and flame resistant reflective tape create a range that makes it possible to work comfortably in extreme weather conditions.

**Full Zip Around  
 Removable Fleece  
 Lining**



Concealed phone pocket

Pack away hood

Taped seams

Internal chest pocket

Hook and loop adjustable cuffs

Drawcord hood and hem

Print access

**LINED**



Back waist buggy for added protection

Taped seams

Flame resistant reflective tape

Zippered ankles

**S770 Bizflame Rain Multi Protection Jacket**



EN ISO 14116 INDEX 3/12H/40  
 EN 1149 -5  
 EN 13034 TYPE 6  
 EN 343 CLASS 3:3

**Bizflame Rain 250g**  
 100% Cotton Flame Resistant Lining 170g  
 Full Zip Around Removable Fleece Lining 350g  
 Navy S-3XL

**MULTI**



**S771 Bizflame Rain Multi-Protection Trousers**



EN ISO 14116 INDEX 3/12H/40  
 EN 1149 -5  
 EN 13034 TYPE 6  
 EN 343 CLASS 3:3

**Bizflame Rain 250g**  
 100% Cotton Flame Resistant Lining 170g  
 Navy S-3XL

**MULTI**



EN ISO 14116 EN 1149 EN 13034 EN 343



EN ISO 14116 EN 1149 EN 13034 EN 343

ANTI-STATIC  
**BIZFLAME™**  
 FLAME-RESISTANT

**RAIN**

**Waterproof and  
 Breathable With  
 Taped Seams**

**LIGHTWEIGHT**



**S783 Bizflame Rain Multi Protection  
 Bomber Jacket**



EN ISO 14116 INDEX 3/12H/40



EN 1149 -5



EN 13034 TYPE 6



EN 343 CLASS 3:1



EN certified, this industry leading flame resistant jacket is ideal for multi-risk environments. The comfortable fit provides the perfect solution for all day wear in cold, wet and hazardous conditions.

Bizflame Rain 250g

100% Cotton Flame Resistant Lining 170g

100% Polyester Flame Resistant Filling 100g

Navy S-3XL

**S772 Bizflame Rain Multi  
 Protection Unlined  
 Trousers**



EN ISO 14116 INDEX 1/12H/40



EN 1149 -5



EN 13034 TYPE 6



EN 343 CLASS 3:3

This lightweight, breathable trouser is ideal as an outer layer in hazardous conditions. Flame resistant tape provides enhanced visibility in low light.

Bizflame Rain 250g

Navy S-3XL

Zipped ankles

Flame resistant reflective tape



EN ISO 14116 EN 1149 EN 13034 EN 343



EN ISO 14116 EN 1149 EN 13034 EN 343

**ANTI-STATIC**  
**BIZFLAME™**  
**FLAME-RESISTANT**  
**CHEMICAL RESISTANT**

**MULTI**

**Fabric Information**

Conforming to seven EN standards, this 80% cotton, 19% Polyester, 1% anti-static, two layer PTFE lamination, PU Coated, Fluorocarbon finish, 380 gm fabric combines long term protection with superior comfort and appearance.

**Garment Benefits**

The multi-standard compliant clothing meets the most stringent requirements. Garments are waterproof, resistant to chemicals, flame resistant, have anti-electrostatic properties, are arc resistant and ensure high visibility day and night.



Ergonomically shaped hood

Concealed phone pocket

Radio loops

Taped seams

**Multi-Norm Certification**

Flame resistant lining

Internal chest pocket

Flame resistant industrial wash tape

Drawcord hood and hem

Print access



**LINED**

Quick release buckle

Back waist buggy for added protection

Taped seams

Fully elasticated waistband

**Breathable CLASS 3:3**

Zippered ankles

**FR79 Bizflame Multi Arc Hi-Vis Jacket**



EN ISO 11612 A1 A2 B1, C1, E2  
 EN ISO 11611 CLASS 2 A1+A2  
 EN 1149-5



IEC 61482-2 IEC 61482-1-2 CLASS 1  
 EN 13034 TYPE 6  
 EN ISO 20471 CLASS 3  
 EN 343 CLASS 3:3



**Bizflame Multi 380g**  
**100% Cotton Flame**  
**Resistant Lining, 170g**  
**Yellow/Navy M-XXL**



**FR78 Bizflame Multi Arc Hi-Vis**



EN ISO 11612 A1 A2 B1 C1 E2  
 EN ISO 11611 CLASS 2 A1+A2  
 EN 1149-5



IEC 61482-2 IEC 61482-1-2 CLASS 1  
 EN 13034 TYPE 6  
 EN ISO 20471 CLASS 2  
 EN 343 CLASS 3:3



**Bizflame Multi 380g**  
**100% Cotton Flame**  
**Resistant Lining, 170g**  
**Yellow/Navy M-XXL**



**MULTI**

**MULTI**



EN ISO 11612 EN ISO 11611 EN 1149 IEC 61482-2 EN 13034 EN ISO 20471 EN 343



EN ISO 11612 EN ISO 11611 EN 1149 IEC 61482-2 EN 13034 EN ISO 20471 EN 343

# IGNIS

## Proximity Range



EN ISO 11612

Providing full body coverage including the head, hands and feet, the Proximity garments provide excellent protection from radiant heat and high temperatures.

Due to the high ambient temperatures that the wearer can be subjected to, it is recommended that the Ignis Proximity suits are worn with a breathing apparatus to provide breathing air at normal temperatures.

The Proximity garments, certified to EN ISO 11612, are used for aircraft rescue, aircraft firefighting and proximity of high temperatures (but not entry into direct flame).

### Fabric Information

IGNIS Fabric is specifically designed for the manufacture of garments used in close proximity to high intensity fires.

Extremely lightweight at 330g, and pliable, the IGNIS outer shell fabric is a metallised aluminium coated meta-para aramid fabric that is constructed from 95% Meta-aramid and blended with 5% Para-aramid.

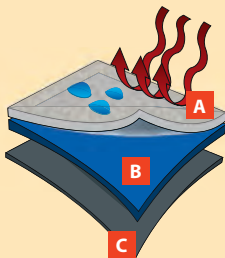
### Garment Benefits

The mirror-like surface reflects radiant heat away, allowing close flame proximity while reducing the rate of heat absorption that can lead to thermal fatigue.

The integration of additional inner carbon felt linings ensure superior protection and performance in the extreme work environments faced by civilians, emergency service and military personnel. These garments are worn in industries such as aircraft rescue, aircraft firefighting, bulk flammable liquids and similar situations involving high levels of radiant heat.

### Layering Structure Example

The Ignis Aluminised Suits are constructed with the following outer, mid and inner layers:



**A** Outer Ignis Aluminised Shell

**B** Mid Thermal Liner

**C** Inner Thermal Liner

### Proximity Suit Applications:

- Aircraft Rescue
- Aircraft Firefighting
- Bulk Flammable Liquids Firefighting
- Flammable Gas Firefighting
- Similar Situations Releasing High Levels of Radiant Heat



**AM20**

### Proximity Coverall

EN ISO 11612 A1,B2,C4,D2,E3,F2



This one piece coverall is lightweight and extremely flexible. Designed to be worn with the AM21 Hood and the AM22 Overboots. Features include an integrated back pocket on the back for a breathing apparatus, inner and outer front protective flap opening and hook & loop adjustment on the side leg.

Ignis: Metallised aluminium coated 95% Meta-aramid, 5% Para-aramid, 330g - 1 layer

Mid Layer: Carbon Felt 120g - 1 layer

Inner Layer: Aramid Viscose 125g - 1 layer

Silver M-4XL

**4XL**



## AM21

### Proximity Hood

EN ISO 11612 A1,B2,C4,D2,E3,F2

INNER HELMET: EN397

OUTER VISOR: POLYCARBONATE, COLOUR GOLD: EN166, EN170, EN171



Designed to sit comfortably and to be worn with the AM20 Proximity Coverall and the AM22 Proximity Overboots, the Proximity Hood features an inner hard cap that complies with EN397. The gold colour outer visor allows for excellent lateral and vertical visibility. An allowance is also made for a face mask and dispenser.

- Ignis: Metallised aluminium coated 95% Meta-aramid, 5% Para-aramid, 330g - 1 layer**
- Mid Layer: Carbon Felt 120g - 1 layer**
- Inner Layer: Aramid Viscose 125g - 1 layer**
- Silver, One Size**

## Ultra Flexible fabric



## AM23

### Proximity / Approach Gloves

EN 420

EN 388

EN 407



Available in a choice of two cuff lengths, the AM23 (35cms) and the AM24 (45cms) reflect radiant heat while the carbon inner lining helps reduce heat conduction. The Para-aramid palms offer excellent abrasion resistance.

## AM24



- Ignis: Metallised aluminium coated 95% Meta-aramid, 5% Para-aramid, 330g - 1 layer**
- Mid Layer: Carbon Felt 120g - 1 layer**
- Inner Layer: Aramid Viscose 125g - 1 layer**
- Palms: Para-aramid 645g**
- Silver, One Size, Sold in pairs**
- AM23 = Length 35cm**
- AM24 = Length 45cm**



## AM24

(45CM)

## AM23

(35CM)



## AM22

### Proximity Overboots

EN ISO 11612 A1,B2,C4,D2,E3,F2



Designed to fit over all boot sizes the AM22 can be worn together with the AM20 Proximity Coverall and the AM21 Proximity Hood. The Para-aramid soles offer excellent abrasion resistance.



- Ignis: Metallised aluminium coated 95% Meta-aramid, 5% Para-aramid, 330g - 1 layer**
- Mid Layer: Carbon Felt 120g - 1 layer**
- Inner Layer: Aramid Viscose 125g - 1 layer**
- Soles: Para-aramid 645g**
- Silver, One Size, sold in pairs**

## Ultra Flexible fabric



\*Refer to hand, head and eye protection sections for EN Standards summary - pages 422, 423, 526 and 539

# IGNIS



EN ISO  
11612

## Approach Range

Certified to EN ISO 11612, this range is constructed with the Ignis outer shell with some items having additional internal layers for increased heat resistance.

This range of PPE is used for industrial work involving high temperatures such as steel mills and smelting facilities and does not require a breathing apparatus to be worn.



EN ISO  
11612



EN ISO  
11612

**AM11**

**AM11: Lined Approach Coat - 3 Layers**

**AM10: Unlined Approach Coat - 1 Layer**

AM10: EN ISO 11612 A1,B1,C3,D1,E3,F1  
AM11: EN ISO 11612 A1,B2,C4,D2,E3,F2



AM10 and AM11 Approach coats are designed to be used where high heat reflective properties are required. The AM11 is similar in design to the AM10 but is constructed with an additional inner thermal layer increasing the heat resistant properties.

**AM10**



 Ignis: Metallised aluminium coated 95% Meta-aramid, 5% Para-aramid, 330g - 1 layer

 AM11: Mid Layer: Carbon Felt 120g - 1 layer

AM11: Inner Layer: Aramid Viscose 125g - 1 layer

 Silver M-4XL



**AM15**

**Lined Approach Trousers**


EN ISO 11612 A1,B2,C4,D2,E3,F2



Designed to be worn with the AM14 Lined Approach Jacket, the aluminised trouser provides the wearer with protection from radiant heat and high temperatures. Features include an ergonomically shaped knee, back bib and elasticated adjustable shoulder braces.

 Ignis: Metallised aluminium coated 95% Meta-aramid, 5% Para-aramid, 330g - 1 layer

 Mid Layer: Carbon Felt 120g - 1 layer

 Inner Layer: Aramid Viscose 125g - 1 layer

 Silver M-4XL



## Approach Suit Applications:

- Airport Personnel
- Aluminium Industry
- Automotive Industry
- Cement Industry
- Ceramic Industry
- Engineering
- Foundry Workers
- Glass Industry
- Iron & Steel Industry
- Railways
- Shipbuilding
- Welding



EN ISO  
11612



EN ISO  
11612

### AM14

#### Lined Approach Jacket

EN ISO 11612 A1,B2,C4,D2,E3,F2



Designed to be worn with the AM15 Lined Approach Trousers, the articulate design includes raglan sleeves and upper back bellows to allow complete freedom of movement. Features include an inside hook & loop closure pocket and elasticated cuffs.



**Ignis:** Metallised aluminium coated 95% Meta-aramid, 5% Para-aramid, 330g - 1 layer

**Mid Layer:** Carbon Felt 120g - 1 layer  
**Inner Layer:** Aramid Viscose 125g - 1 layer

**Silver, M-4XL**



### AM12

#### Unlined Approach Bib Apron

EN ISO 11612 A1,B1,C3,D1,E3,F1



Perfect for the demands of a foundry, this bib apron will protect the wearer from radiant heat and molten iron splashes.



**Ignis:** Metallised aluminium coated 95% Meta-aramid, 5% Para-aramid, 330g - 1 layer

**Silver, One Size, 70cm x 97.5cm**

### AM13

#### Approach Gaiters

EN ISO 11612 A1,B1,C3,D1,E3,F1



Designed to fit over all boot sizes, these heat resistant gaiters reflect radiant heat. Features include hook & loop closure on the centre back and hook & loop adjustment sole strap.



**Ignis:** Metallised aluminium coated 95% Meta-aramid, 5% Para-aramid, 330g - 1 layer

**Silver, One Size, sold in pairs**



Hook and loop  
closure



**Best Selling Aluminised Suits**

The Solar Fire Suits can endure high levels of heat for brief periods of time without themselves combusting and burning and therefore minimises body burn percentage when exposed to heat and flames.

The Solar Structural Fire Suits have three components: an outer shell, a moisture barrier, and a thermal barrier, all serving a different function. The outer layer protects against flame injury and burns caused by conductive heat. The moisture barrier protects against water penetration and allows internal moisture vapour to escape.

It is imperative that the layers are kept dry to avoid the transfer of heat in a convective manner from the outer layer through the layers to the skin. The inner thermal barrier and lining offers protection against heat from proximity to flame. In between each of these layers are pockets of air and together with the fabric layers, they help to further insulate the wearer from the extreme environments of fires.

### solar 3000

#### Fabric Information

Nomex® outer shell is constructed from a 60% Nomex® and 40% Lenzing® FR Viscose 260g. The breathable and waterproof moisture barrier is a 50% FR knitted polyester, 50% PU membrane, 85g. The FR thermal liner is an FR non woven aramid felt quilted to a 50% aramid, 50% viscose, 260g.

#### Garment Benefits

The Nomex® / Lenzing® FR Viscose outer shell is an inherently flame-resistant fabric that stands up to heat, high abrasion resistance, strong colour fastness and protects the inner components.

The breathable PU membrane protects against external water penetration and allows body heat to escape.

The non woven thermal layer traps pockets of air to provide enhanced thermal protection and the inner woven layer protects against heat from proximity to flame.

### solar 4000

#### Fabric Information

Nomex® Tough Ripstop 195g outer shell is constructed from 75% Nomex® / 23% Kevlar® / 2% P-140 carbon fibres.

The moisture barrier is constructed with ePTFE on a Basofil® non woven carrier, 90g

TenCate Tecashield® - CQ8, 270g thermal liner is an FR non woven aramid viscose quilted to an FR woven 50% Meta-aramid, 50% Modacrylic woven fabric.

#### Garment Benefits

Nomex® Tough Ripstop is inherently flame-resistant, will not melt or drip, is resistant to most industrial oils, solvents, and chemicals, with high abrasion and dimensional stability properties.

The ePTFE moisture barrier protects against water penetration and allows internal moisture vapour to escape.

The non woven thermal layer traps pockets of air to provide enhanced thermal protection and the inner woven layer protects against heat from proximity to flame. The Wickwell™ plus technology on the lining moves perspiration away from body.

### solar 5000

#### Fabric Information

TenCate Millenia™ system with the following combined layers Outer shell: TenCate Millenia™ - MI 9180 - 180g, 39% Pbo (polybenzoxazole), 59% Para-aramid and 2% Anti-static fibres.

Thermal-moisture barrier: TenCate - CX140 - 140g, a meta-para aramid thermal barrier and an ePTFE/PU moisture barrier combined.

Thermal liner: TenCate - CZ703 - 130g, a GoldCheck™ patterned meta-aramid thermal liner with Wickwell™ plus technology.

#### Garment Benefits

TenCate Millenia™ - MI 9180 is the world's lightest and strongest outer shell in the market. It remains flexible and supple, even after thermal exposure.

The thermal moisture barrier is engineered with a patented 3-D spunlace, non-woven technology. The ePTFE/PU bi-component laminate provides superior breathability, is high temperature resistant with protection against blood and blood borne pathogens.

The thermal liner with the Wickwell™ plus technology moves perspiration away from body..



#### EN 469: 2005

#### Protective Clothing For Firefighters

This European Standard specifies minimum levels of performance requirements for protective clothing to be worn during fire fighting operations and associated activities.

Suits shall provide protection for the firefighters torso, neck, arms to the wrists, and leg to ankles during firefighting activities.

A generous overlap suitable for all body movements shall be maintained between the jacket and trousers.

- Flame Spread
- Heat Transfer (Flame)
- Heat Transfer (Radiation)
- Residual Strength
- Heat Resistance
- Tensile Strength
- Tear Strength
- Surface Wetting
- Dimensional Change

- Resistance to penetration by Liquid Chemicals
- Resistance to Water Penetration
- Water Vapour Resistance
- Ergonomic Requirements
- Visibility – Reflex
- Whole Garment Testing (Optional)

### Explaining the standard

EN469 Level 2 Fire Suits is the higher requirement for structural fire fighting and is used by professional trained firefighters.

Level 2 Suits must include a waterproof moisture barrier

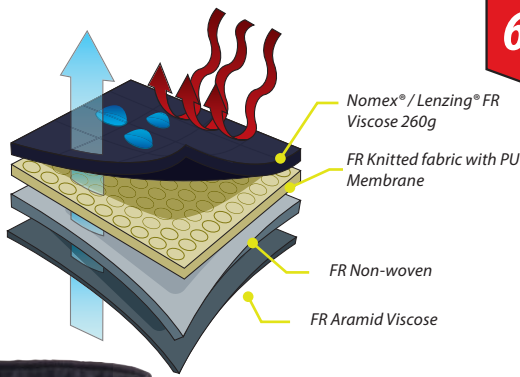


All Level 2 Fire Suits will be marked internally as follows:

- Xf2 Level 2 – Performance in Heat Test: Flame.
- Xr2 Level 2 – Performance in Heat Test: Radiation.
- Y2 Level 2 - Resistance against Water Penetration
- Z2 Level 2 – Resistance against Water Vapour Resistance

# Solar 3000

## Structural Fire Suits



605g



Quick-release zip

Radio pocket

Knitted cuffs with thumb loops

Anti-wicking strip at hem

Hook and loop adjustable cuffs

Lower front pockets with hook and loop closure



### FB30 3000 Over-Coat

EN 469 LEVEL 2

6

The FB30 Over-coat is constructed using a Nomex® / Lenzing® FR Viscose outer shell fabric. Features include a quick release front zip, lower front pockets with press stud for holding gloves and knitted cuffs with thumb loops to hold sleeves in place.



FR, IW

Nomex® / Lenzing® FR Viscose 260g

Moisture Barrier: FR Knitted fabric with PU membrane, 85g

Thermal Layer: FR non-woven

Inner Thermal Layer: FR Aramid Viscose, 260g



EN 469

Navy S-4XL



### FB31 3000 Over-Trouser

EN 469 LEVEL 2

6

Designed to protect the lower body, the Solar FB31 Over-trouser is constructed using a Nomex® / Lenzing® FR Viscose fabric. The design offers high freedom of movement. Features include a low-cut crotch seam, non detachable shoulder braces, side elastic and bellow front fly.



FR, IW

Nomex® / Lenzing® FR Viscose 260g

Moisture Barrier: FR Knitted fabric with PU membrane, 85g

Thermal Layer: FR non-woven

Inner Thermal Layer: FR Aramid Viscose, 260g



EN 469

Navy S-4XL



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Ergonomically Engineered | 195

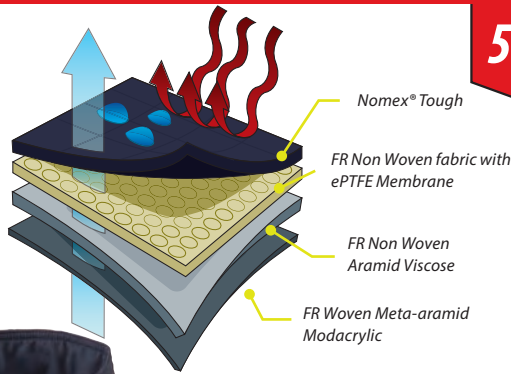
# solar 4000

## Structural Fire Suits

555g

Xf2  
Xr2  
Y2  
Z2  
EN 469

CERTIFIED



Braces designed to sit comfortably on shoulders

Radio pocket

Front zip opening

Cargo pockets on side leg

Zipped ankles



Hook and loop adjustable cuffs

Lower front pockets with hook and loop closure



### FB40 4000 Over-Coat

EN 469 LEVEL 2

6

The FB40 Over-coat is worn as part of a two piece suit and combined with 4 layers of fabrics including a moisture barrier and thermal barrier. Knitted cuffs made from Nomex® with thumb-holes hold the sleeve end in place when gloves are worn. The quick release zip aids a speedy removal if required.



FR,IW



Nomex® Tough, Ripstop 195g

Moisture Barrier: FR non woven with ePTFE membrane, 90g

Thermal Layer: FR Non Woven Aramid Viscose 115g

Inner Thermal Layer: FR Woven Meta-aramid Modacrylic, 155g

Navy S-4XL



### FB41 4000 Over-Trouser

EN 469 LEVEL 2

6

Features on the Over-trouser include cargo pockets on the side legs, tapered leg end with a zip and gusset to allow for expansion if required when worn over boots. Side opening on the knee pockets allows for removal or addition of kneepads.



FR,IW



Nomex® Tough, Ripstop 195g

Moisture Barrier: FR non woven with ePTFE membrane, 90g

Thermal Layer: FR Non Woven Aramid Viscose 115g

Inner Thermal Layer: FR Woven Meta-aramid Modacrylic, 155g

Navy S-4XL



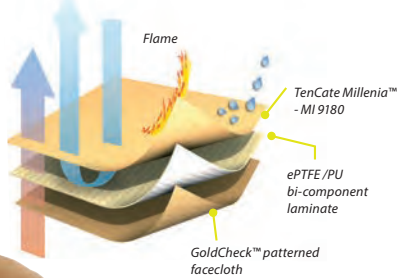
# solar 5000

## Structural Fire Suits

# TENCATE Millenia™

System: TenCate Millenia™ -450 g

450g



Adjustable waistbelt



### FB50 5000 Over-Coat EN 469 LEVEL 2



The Solar FB50 Over-coat exceeds all the requirements of EN469. Features include a quick release zip, underarm gusset for increased mobility, Para-aramid knitted cuffs with thumb-holes and aramid thread used throughout on all seams and top sewing. The collar is designed to sit neatly with all helmets.



- System: TenCate Millenia™ - 450 Outer Shell 180g
- Thermal Moisture Barrier 140g
- Thermal Liner 130g
- Gold S-4XL



### FB51 5000 Over-Trouser EN 469 LEVEL 2



The FB51 Solar Over-trouser is completely lined and waterproof. The adjustable waist allows the garment to sit comfortably on the waist when worn. Features include EN ISO 20471 compliant reflex, antiwicking strip on the leg ends and hook & loop closure front fly with a protective inner gusset.



- System: TenCate Millenia™ - 450 Outer Shell 180g
- Thermal Moisture Barrier 140g
- Thermal Liner 130g
- Gold S-4XL



# WORKWEAR RANGE

The Workwear Collections offer a range of designs and features suitable for many end uses. Only the best quality fabrics and construction techniques are used guaranteeing comfort and safety. Tested to withstand the rigours of everyday wear each garment has been carefully designed and manufactured to ensure optimum quality at the best price.

## 111 Styles

- HOLSTER POCKET WORKWEAR
- PORTWEST TEXO™
- CRAFT WORKWEAR
- MULTI POCKET WORKWEAR
- FORTIS™
- TRADEGUARD™
- CHEMICAL
- COAT
- COVERALL
- IONA™
- SPECIALIST

### Conversion

To convert grams per square meter to ounces per square yard: x 0.0295

To convert ounces per square yard to grams per square meter: x 33.91

1 Yd<sup>2</sup>

1 M<sup>2</sup>



# 5 Durable Workwear Key Fabrics



Portwest Stretch is a premium cotton stretch fabric. A blend of 98% cotton and 2% elastane provides the ultimate in comfort and flexibility. The high cotton content gives an ultra soft handle, and the added elastane delivers ease of movement. The long staple fibres used in the construction process provide strength, excellent pilling resistance and a superior finish. This fabric has a UPF rating of 50+ to block 98% of UV rays.



The Portwest Texo™ Cotton Rich fabric is 60% Cotton 40% Polyester 245g. This blend provides the ultimate in comfort and practicality. The high cotton content gives Portwest Texo its ultra soft handle and ensures it washes well at sixty degrees. Polyester provides durability and moisture wicking properties. The Portwest Texo fabric has a UPF rating of 50+ so will block 98% of the UV rays which fall on the garment.



Kingsmill™ is 65% Polyester 35% Cotton and is available in four weights; 300g, 245g, 210g and 190g. This fabric guarantees high performance and maximum comfort. The yarns are all ring spun with long staple combed cotton providing a smooth handle and excellent pilling resistance. The material is fully pre-shrunk and has superior dye retention. A UPF rating of 50+ will block 98% of UV rays.



Portwest Cotton is available in two weights 260g and 300g. This fabric is fully pre shrunk and has excellent dye retention properties. The long staple fibres used in the construction process provide strength, pilling resistance and a quality finish. This fabric has a UPF rating of 50+ so will block 98% of the UV rays which fall on the garment.



Fortis™ fabric is 65% Polyester 35% Cotton and is available in two weights; 245g and 300g. This blend offers durability, protection and excellent wearer comfort. The UPF rating of 50+ blocks 98% of UV rays. Fortis has been constructed to a high specification and is the practical choice for all your workwear needs.



PORTWEST TEXO, FORTIS, TRADEGUARD, IONA and KINGSMILL are trademarks of Portwest.

## Durable Workwear for Demanding Conditions



# HOLSTER

## POCKET COLLECTION



The Holster Pocket collection, developed with craftsmen in mind, consists of several styles showcasing the best designs, construction and performance within the Portwest workwear collection. A selection of premium fabrics and advanced construction

techniques have been used, guaranteeing choice, comfort and ultimate wearer durability. The garments have been tested to ensure they will withstand the rigours of everyday wear.

- Constructed with a modern cut and style
- Easy access holster pocket storage for work essentials
- Reinforced at the knees for superior knee protection
- Engineered for freedom of movement
- Highly durable with double stitching for extra reinforcement



**300g**

**300g**

**245g**

**NEW** Gripper elastic on inner waist  
 D-ring  
 Holster pockets  
 Smart phone pocket  
 Double rule pocket  
 Reflective tape  
 Win-stitched seams

**NEW** Gripper elastic on inner waist  
 Holster pockets  
 Smart phone pocket  
 Double rule pocket  
 Adjustable leg length  
 Contrast colour stitching



**Multiple storage pockets**



Gripper elastic on inner waist  
 Double rule pocket  
 Zipped pockets

**PW3**

**KINGSMILL 300**

**PW3**

**KINGSMILL 300**

**KINGSMILL 245**

**T501 Vision Hi-Vis Trousers**

EN ISO 20471 CLASS 2  
 RIS-3279-TOM ISSUE 1 (ORANGE ONLY)  
 ANSI/ISEA 107-2015 SUPPLEMENTAL CLASS E  
 EN 14404:2004+A1:2010 TYPE 2  
 LEVEL 0 (WHEN USED IN COMBINATION WITH S156)

A thoughtfully designed, innovative hi-vis trouser featuring multi-functional holster pockets, top loading kneepad pockets and an easy access multiway thigh pocket for secure storage of phone, keys and tools. Oxford fabric reinforcement at key abrasion points and triple stitching throughout guarantees maximum durability.

**50 UPF**  
 Kingsmill: 65% Polyester, 35% Cotton, 300g  
 100% Polyester Oxford 600D, 210g  
 Orange/Black, Yellow/Black 30"-42"  
 Regular leg 31" or 79cm adjustable to Tall 33" or 84cm  
 \*Registered European Community Design

ANSI/ISEA 107 CLASS E  
 RIS 3279

**TEXPEL SPLASH**

**T602 Urban Work Holster Trousers**

EN 14404:2004+A1:2010 TYPE 2  
 LEVEL 0 (WHEN USED IN COMBINATION WITH S156)

Rugged trouser made from Kingsmill polyester/cotton 300g fabric with a modern fit and adjustable leg length. Packed full of features to offer superb function and performance including; top loading pre-shaped knee pad pockets, triple stitched seams, crotch gusset to reduce stress and prevent seam failure and a side leg cargo pocket. Pockets have oxford reinforcement for extra durability.

**50 UPF**  
 Kingsmill: 65% Polyester, 35% Cotton, 300g  
 100% Polyester Oxford 600D, 210g  
 Black, Zoom Grey/Black 30"-42"  
 Regular leg 31" or 79cm adjustable to Tall 33" or 84cm  
 \*Registered European Community Design

**KS18 Granite Holster Shorts**

The Granite shorts are stylish, practical and the ideal choice for warmer weather. The use of high quality polycotton fabric offers the comfort and durability necessary in today's work environments. Tuck-away holster pockets made from rugged nylon oxford are perfect for tools. Other multiple pockets offer secure storage and accommodate smart phone dimensions.

**36**  
 Kingsmill 65% Polyester, 35% Cotton 245g  
 Black/Zoom Grey S-XXL  
**50 UPF**

**S156 566** Free pair of kneepads included with PW3 Trousers

**S156 566** Free pair of kneepads included with PW3 Trousers

## HOLSTER POCKET TROUSER

330g

Anti-shock fabric for extra mobile phone protection **KS15**

300g



Half elasticated waist



Gripper elastic on inner waist

Two back pockets

Rule pocket

Knee pad pockets

Two back pockets

Double rule pocket

Kneepad pockets

### KS14 Tungsten Holster Trousers



Amazing robust canvas work trouser with Oxford fabric reinforcement at key abrasion points. This comfortable cut trouser is packed with features, including triple stitched critical seams, tuck-away holster pockets, articulated kneepad pockets with deep fail-safe secure covers and multiple pockets to provide storage for phones and tools.



50 UPF



65% Polyester, 35% Cotton 330g

Reg: Black 30-44,  
Tall: Black 32-40

### KS15 Slate Holster Trousers



This rugged trouser is a fantastic addition to the Holster Pocket collection. Constructed using our 300g Kingsmill fabric, the Slate Trousers offer extra strength and abrasion resistance. Winning features include tuck away holster pockets, knee pad pockets, hammer loop and low profile branding. The mobile phone pocket is lined with anti shock fabric and will accommodate new smart phone dimensions.



50 UPF



Kingsmill 65% Polyester, 35% Cotton 300g

Reg: Black, Dark Navy S-3XL  
Tall: Black, Dark Navy M-XXL



**NEW**

# Built To Perform

**245g**

**300g**



Twin-stitched seams

Two back patch pockets

Holster pockets

Reflective piping



Back pocket

Holster pockets

Knee pad pockets

Triple-stitched seams

## C720 Tradesman Holster Trousers



Superb value holster pocket trouser for all trade uses. Extremely versatile pocket storage for tools and personal belongings. Bottom loading knee pad pockets allow insertion of knee pads if required. Reflective trim and modern colourways makes this garment an all round winner.

**Kingsmill 65% Polyester, 35% Cotton 245g**  
Reg: Black, Graphite Grey/Black 28-46  
Tall: Black, Graphite Grey/Black 32-40

## TX32 Dresden Holster Trousers



This rugged trouser is stylish and hardwearing. Strong Oxford fabric is positioned in key abrasion areas to offer extra durability. With triple stitching and multiple pockets this trouser is the ideal choice for a variety of uses.

**Kingsmill 65% Polyester, 35% Cotton 300g**  
Reg: Black/Graphite Grey, Bottle Green/Black, Dark Navy/Epic Royal, Epic Royal/Dark Navy, Graphite Grey/Black



Reg	
Black/Graphite Grey	S - 3XL
Graphite Grey/Black	S - 3XL
Epic Royal/Dark Navy	S - 3XL
Dark Navy/Epic Royal	S - 3XL
Bottle Green/Black	S - 3XL

# Functional, Stylish and Durable

245g

## Mix and Match Separate Products to Build Your Corporate Look



KS10

KS12

FC63 373



Jet covered edge to edge fastening

Chest pockets

ID card holder for ID card display

Elasticated cuffs

### KS10 Chrome Jacket

24

Multi pocketed with handy features such as discreet ID holder, easy access phone and pen pocket and adjustable cuff and hem bands with retro reflective piping for increased visibility.

5

Kingsmill 65% Polyester, 35% Cotton 245g

50

Zoom Grey/Black S-3XL

UPF



## Designed for Long Lasting Performance

# Premium Workwear

245g

Triple-stitched seams

Half elasticated waist

Two back zip pockets

Hammer loop

Cargo pocket on side leg

Knee pad pockets

Contrast colour stitching



## KS12 Chrome Trousers

24

A superior take on the ever popular action trouser, this style boasts all the classic features you would expect and a host more, including, improved fit, triple stitched critical seams, new waist fastening system, lower profile zips and contemporary colouring.

11

Kingsmill 65% Polyester, 35% Cotton 245g

Reg: Black/Zoom Grey XS-3XL, Tall: Black/Zoom Grey M-XL

50+ UPF



## KS13 Granite Trousers

24

The Granite trouser is crammed with features including triple stitched critical seams, comfort waistband, for fit and grip in wear when bending and stretching with central maxi belt loop to prevent the belt riding up over the trouser. Ergonomic kneepad pockets have deep, fail-safe secure covers. Multiple pockets offer secure storage for phones, coins and tools.

11

Kingsmill 65% Polyester, 35% Cotton 245g

Reg: Zoom Grey/Black S-3XL, Tall: Zoom Grey/Black M-XL

10

50+ UPF



## BELT RANGE



S934

100  
10

### Stretch Work Belt

100% Polyester  
 Black, Dark Navy S-XXL



S932

192  
12

### Trousers Belt

Two ply PVC, Metal Buckle  
 Black 32-44



C107

100  
10

### Elasticated Work Belt

100% Polyester  
 Navy S-XXL

# PORTWEST TEXO COTTON RICH™

245g

- ✓ The Portwest Texo range of workwear, constructed from 60% Cotton, 40% Polyester, 245g is designed to give the ultimate in comfort & practicality.
- ✓ The soft handle cotton rich fabric is built to last and will look and feel great. The high cotton content ensures it washes well at sixty degrees whilst the polyester gives a ruggedness essential for daily use.
- ✓ The Portwest Texo fabric provides a UPF rating of 50 so will block 98% of the UV rays which fall on the garment.
- ✓ The colours offered are bright and perfect for corporate branding. Each garment has been carefully designed to include multi-pocket storage and clever, useful features.



Detachable ID pocket

Sleeve pocket

Phone pocket

Hook and loop adjustable cuffs

Side elastic waist

**TX10**

## Portwest Texo Contrast Jacket



This fashionable contrast colour jacket is practical and hardwearing. Multiple versatile features include back pocket for cap and glove storage and hook & loop cuffs for an adjustable fit.

**60% Cotton, 40% Polyester 245g**

**Grey, Navy/Orange, Royal, Bottle Green, Navy, Epic Khaki, Black/Red, Black**

	Reg
Grey	XS - 3XL
Navy/Orange	S - 3XL
Royal	S - 3XL
Bottle Green	S - 3XL
Navy	XS - 3XL
Epic Khaki	S - 3XL
Black/Red	S - 3XL
Black	XS - 3XL





245g

**TX11** Portwest Texo Contrast Trouser

24  
9  
50+  
UPF

60% Cotton, 40% Polyester, 245g  
 Royal, Navy, Navy/Orange, Grey, Epic Khaki, Black/Red, Black, Bottle Green



Half elasticated waist

Two back patch pockets

Hook and loop adjustable hem

Knee pad pockets



TX10

TX11

	Reg	Tall
Grey	XS - 4XL	M - XXL
Navy/Orange	S - 3XL	M - XXL
Royal	S - 3XL	M - XXL
Bottle Green	S - 3XL	M - XXL
Navy	XS - 3XL	M - XXL
Epic Khaki	XS - 3XL	M - XXL
Black/Red	S - 3XL	M - XXL
Black	XS - 3XL	M - XXL

4XL  
XS



**TX12 Portwest Texo Contrast Bib & Brace**



**60% Cotton, 40% Polyester 245g**  
**Black, Black/Red, Epic Khaki, Grey, Navy, Navy/Orange, Royal, Bottle Green**

The Portwest Texo cotton rich fabric creates a very comfortable yet practical garment. This bib & brace offers complete lower body and leg protection. Features include a concealed bib pocket, kneepad pockets and thigh pockets. Hook and loop at the leg end ensures a secure fit.



Hook and loop adjustable hem

	Reg	Tall
Black	XS - 4XL	M - XXL
Black/Red	S - 3XL	M - XXL
Epic Khaki	S - 3XL	M - XXL
Grey	XS - 4XL	M - XXL
Navy	XS - 4XL	M - XXL
Navy/Orange	S - 3XL	M - XXL
Royal	S - 3XL	M - XXL
Bottle Green	S - 3XL	M - XXL



# PORTWEST TEXO COTTON RICH™

245g

Concealed zip opening

Phone pocket

Detachable ID pocket



Elasticated back waist

Spacious pockets

Knee pad pockets

## TX15 Portwest Texo Contrast Coverall



This stylish coverall provides comfort and all over protection. Winning features include knee pad pockets, hook and loop for cuff and hem adjustment and multiple pockets.

60% Cotton, 40% Polyester 245g  
Black, Grey, Navy S-3XL



FC60 370

PW69 549

# Combines Function & Style



**TX20**

**TX14**



Half elasticated waist

Two back patch pockets



Chest pockets

Deep storage pockets

## **TX14** Portwest Texo Contrast Shorts



The TX14 shorts combine function and style. Waist elasticsation provides comfort and ease of movement.



60% Cotton, 40% Polyester 245g  
 Black, Grey, Navy XS-XXL



## **TX19** Portwest Texo Contrast Gilet



This new lightweight gilet is an excellent addition to the Portwest Texo range. The contemporary design is ideal for warm conditions or hot weather. Multiple pockets offer security and convenience and the cotton rich fabric provides superior comfort.



60% Cotton, 40% Polyester 245g  
 Black, Grey, Navy 5-3XL



210g

300g

195g



### TX22 Portwest Texo Contrast T-shirt

72  
12

Available in a choice of popular contrast colours, this stylish t-shirt looks and feels great. The top quality material keeps its fresh look wash after wash.

1

50+  
UPF

65% Polyester, 35% Cotton 195g  
Black, Grey, Navy S-3XL

### TX20 Portwest Texo Contrast Polo Shirt

48

Designed for comfort and performance, this fashionable polo shirt is suitable for a wide range of end uses. The top quality fabric won't shrink or fade, keeping its new look after multiple washes.

1

50+  
UPF

65% Polyester, 35% Cotton 210g  
Black, Grey, Navy XS-4XL

### TX23 Portwest Texo Sweater

24

A stylish addition to the Portwest Texo range. The large chest pocket and relaxed fit of this sweater offers great comfort and functionality. Its fabric properties combining polyester and cotton offer warmth and durability.

1

50+  
UPF

65% Polyester, 35% Cotton 300g  
Black, Grey, Navy S-3XL

4XL  
XS



- ✔ Lined with a special insulative layer to provide extra warmth in cold conditions.
- ✔ Comfortable and lightweight allowing ease of movement on the job.
- ✔ Featuring several spacious storage pockets for security and convenience.
- ✔ Smart and stylish in a choice of practical colours.



**Fully lined  
and padded**

**TX18** *Portwest Texo Contrast Jacket - Lined*



This jacket has a warm lining, ideal for winter weather or cold climates. Multiple pockets provide secure storage. Other practical features include waist elastication and hook and loop for cuff adjustment.



60% Cotton, 40% Polyester 245g

100% Polyester 60g

100% Polyester 120g

Black, Navy S-XXL, Grey S-3XL

Multiple storage pockets

**TX16** Portwest Texo Contrast Trousers - Lined



The TX16 trouser has a warm non-bulky lining for cooler environments. Features include knee pad pockets, hook & loop for hem adjustment and several handy pockets.

- 60% Cotton, 40% Polyester, 245g
- 100% Polyester 60g
- 100% Polyester 120g
- Black, Grey, Navy S-XXL

**PADDED**

**425g**



**TX17** Portwest Texo Contrast Bib & Brace - Lined



This bib and brace has a non-bulky lining, providing extra warmth and ease of movement in cooler environments. Several handy pockets make TX17 the practical choice.

- 60% Cotton, 40% Polyester 245g
- 100% Polyester 60g
- 100% Polyester 120g
- Black, Grey, Navy S-3XL



Half elasticated waist

Two back patch pockets

Phone pocket

Phone pocket

Back elastic

Two back patch pockets

Handwarmer pockets

Knee pad pockets

Hook and loop adjustable hem

Concealed zip pocket

# PORTWEST TEXO CLASSIC™

PADDED



## Durable Ripstop Fabric

### TX30 Portwest Texo Contrast



#### Rain Jacket EN 343 CLASS 3:1



Waterproof protection and outstanding durability are key features of this winning style. The rugged contemporary design is complemented by a quality finish and attention to detail throughout.



100% Polyester, Ripstop, PVC Coated 250g

100% Polyester 55g

100% Polyester 170g



Black, Grey, Navy S-XXL

Reflective piping

Phone pocket

Hook and loop adjustable cuffs

Side access pockets

Print access



## Superb Weather Protection

Phone pocket

### Advanced Triple Dry Membrane Technology (3L)

#### TX45 Portwest Texo Softshell (3L)



Fashionable and dynamic, the two-tone softshell is a fantastic addition to the popular Portwest Texo range. This style has a longer scoop back and uses seam free panels to reduce bulk. Multiple zip pockets are a convenient feature.



94% Polyester, 6% Elastane, 160g laminated to 100% Polyester Micro Polar Fleece 150g, Total weight: 310g

Black, Grey S-3XL





**Soft Luxurious Pile  
for Maximum  
Comfort and  
Warmth**

**TX40 Portwest Texo Heavy 2  
Tone Fleece**



The Portwest Texo fleece looks and feels great. Ideal for indoor and outdoor wear, this style uses a high quality anti-pill polar fleece fabric.

100% Polyester, Anti-Pill finish Fleece 400g

Black, Grey, Navy XS-4XL



**Clever Functionality**

**PADDED**

**TX13 Portwest Texo Contrast  
Bodywarmer**



This stylish bodywarmer offers function and comfort. The wadding provides heat and insulation, while the sleeveless design allows for ease of movement.

60% Cotton, 40% Polyester 245g

100% Polyester 60g

100% Polyester 200g

Black, Grey, Navy S-XXL

Phone pocket



Designed for versatile use in the work place, the Portwest Texo Sports range is contemporary and original, suitable for users who appreciate quality and sharp design. This co-ordinated range of stylish exteriors is available in a number of contrast combinations in the trusted Kingsmill fabric, 65% polyester 35% cotton 245g.

**245g**



**TX60 Tagus Jacket**

24

The TX60 is designed to cope with the stress and strain of day to day usage in the work place. Hardwearing and light weight it is packed with essential features necessary to ensure practicality and a secure comfortable fit.

4

**Kingsmill 65% Polyester, 35% Cotton 245g**

5

**Black, Dark Navy, Graphite S-3XL**

50  
UPF

**Superb Abrasion Resistance  
at Key Areas**



245g

**Winning features Include:**

- Ergonomic design; front openings that reduce bulk around the chin and neck.
- Comfort cut panels; minimizing friction from seams in sensitive areas.

- Pre-formed elbow and knee shaping for comfort and reduced fabric stress.
- Zip protectors; guards both the wearer and surrounding environment.
- Low profile zippers; preventing damage to smooth surfaces.



**TX61**

**Danube Trousers**



The TX61 trouser is tough and durable with a relaxed fit. Subtle articulation allows for increased freedom of movement and the elasticated waistband ensures comfort and a universal fit.

**Kingsmill 65% Polyester, 35% Cotton 245g**

**Reg: Black, Dark Navy, Graphite S-3XL  
Tall: Black S-3XL**



**TX62**

**Rhine Bib & Brace**



This stylish bib and brace is ideal for any industrial setting. Made from durable Kingsmill fabric, it provides unbeatable comfort with functional features.

**Kingsmill 65% Polyester, 35% Cotton 245g**

**Black, Dark Navy, Graphite S-3XL**



Characterised by bright contrast trims the Sport collection is stylish and innovative.

### TX60 Tagus Jacket



The TX60 is designed to cope with the stress and strain of day to day usage in the work place. Hardwearing and light weight it is packed with essential features necessary to ensure practicality and a secure comfortable fit.



**Kingsmill 65% Polyester, 35% Cotton 245g**

**Black, Dark Navy, Graphite S-3XL**



TX60

Pre-formed elbow shaping

Elastic back

Zip protectors

D-ring  
Double rule pocket

D-ring

Two back patch pockets



### TX61 Danube Trousers



The TX61 trouser is tough and durable with a relaxed fit. Subtle articulation allows for increased freedom of movement and the elasticated waistband ensures comfort and a universal fit.



**Kingsmill 65% Polyester, 35% Cotton 245g**

**Reg: Black, Dark Navy, Graphite S-3XL  
Tall: Black S-3XL**



TX61

Hammer loop

Knee pad pockets

Knee pad pockets

Reflective piping



### TX62 Rhine Bib & Brace



This stylish bib and brace is ideal for any industrial setting. Made from durable Kingsmill fabric, it provides unbeatable comfort with functional features.



**Kingsmill 65% Polyester, 35% Cotton 245g**

**Black, Dark Navy, Graphite S-3XL**



TX62

**245g**

**Distinctive  
Designs  
Available in a  
Choice of  
Versatile Colours**



**TX60 Tagus Jacket**



The TX60 is designed to cope with the stress and strain of day to day usage in the work place. Hardwearing and light weight it is packed with essential features necessary to ensure practicality and a secure comfortable fit.

**Kingsmill 65% Polyester, 35% Cotton 245g**

**Black, Dark Navy, Graphite S-3XL**



**TX61 Danube Trousers**



The TX61 trouser is tough and durable with a relaxed fit. Subtle articulation allows for increased freedom of movement and the elasticated waistband ensures comfort and a universal fit.

**Kingsmill 65% Polyester, 35% Cotton 245g**

**Reg: Black, Dark Navy, Graphite S-3XL  
Tall: Black S-3XL**



**TX62 Rhine Bib & Brace**



This stylish bib and brace is ideal for any industrial setting. Made from durable Kingsmill fabric, it provides unbeatable comfort with functional features.

**Kingsmill 65% Polyester, 35% Cotton 245g**

**Black, Dark Navy, Graphite S-3XL**



# PORTWEST TEXO 300 RANGE

Portwest Texo 300 is strong and durable, ideal for users who need extra endurance. Created using our popular Kingsmill 300g fabric, maximum performance is guaranteed. This coordinated range offers a modern take on classic two tone design with several contemporary features such as reflective piping and triple stitching.

**TX33** 221

**TX39** 224

**TX36** 222



**Top Rated ★★★★★**



Reflective piping

Twin-stitched seams

Stud-adjustable cuffs

**TX33**

Zipped pockets

**TX33**

**Hamburg Jacket**



The Hamburg jacket offers warmth, practicality and stylish design. The top pockets can accommodate modern smart phone dimensions and the spacious lower pockets are zipped for extra security. Clever features include reflective piping and stud adjustable cuffs.



**Kingsmill 65% Polyester, 35% Cotton 300g**

**Black/Graphite Grey, Bottle Green/Black, Dark Navy/Epic Royal, Epic Royal/Dark Navy, Graphite Grey/Black**

	Reg
Black/Graphite Grey	S - 3XL
Graphite Grey/Black	S - 3XL
Epic Royal/Dark Navy	S - 3XL
Dark Navy/Epic Royal	S - 3XL
Bottle Green/Black	S - 3XL



**TX36** 222



**TX39** 224



**TX32** 223



**TX37** 225

**Available in an  
Excellent  
Choice of Corporate  
Colours**

Elasticated  
back waist

Hook and bar closure



Hammer  
loop

Double  
rule  
pocket

Phone  
pocket

Reflective  
piping

Knee  
pad  
pockets

**TX36**



**TX33** 221



**TX39** 224



**TX32** 223



**TX37** 225

**TX36** **Munich Trouser**



The TX36 trouser is stylish and practical with a contemporary fit. The durable 300g fabric ensures excellent abrasion resistance and strength. Several handy pockets provide secure storage.

**Kingsmill 65% Polyester, 35% Cotton 300g**  
Black/Graphite Grey, Dark Navy/Epic Royal, Epic Royal/Dark Navy, Bottle Green/Black, Graphite Grey/Black



	Reg	Tall
Black/Graphite Grey	XS - 3XL	
Graphite Grey/Black	XS - 4XL	S - 3XL
Epic Royal/Dark Navy	XS - 3XL	
Dark Navy/Epic Royal	XS - 3XL	
Bottle Green/Black	S - 3XL	



# 300g Premium Quality Workwear

Hook and bar closure    Elasticated back waist



Hammer loop

Double rule pocket

Phone pocket

Knee pad pockets

**TX32**



**TX33** 221



**TX39** 224



**TX36** 222



**TX37** 225

## **TX32** Dresden Holster Trousers



This rugged trouser is stylish and hardwearing. Strong Oxford fabric is positioned in key abrasion areas to offer extra durability. With triple stitching and multiple pockets this trouser is the ideal choice for a variety of uses.

**Kingsmill 65% Polyester, 35% Cotton 300g**  
Black/Graphite Grey, Bottle Green/Black, Dark Navy/Epic Royal, Epic Royal/Dark Navy, Graphite Grey/Black



	Reg
Black/Graphite Grey	S - 3XL
Graphite Grey/Black	S - 3XL
Epic Royal/Dark Navy	S - 3XL
Dark Navy/Epic Royal	S - 3XL
Bottle Green/Black	S - 3XL

**Mix Styles for  
the Perfect  
Uniform**



Hammer loop

Phone pocket

Kneepad pockets

Reflective piping

**TX39**



**TX33** 221



**TX32** 223



**TX36** 222





**TX37** 225

**TX39 Bremen Bib & Brace**



The Bremen bib and brace is the toughest you can get. Triple stitching throughout and 300g fabric provide a very durable combination. Easy side openings with adjustable button position ensures universal fit, fantastic freedom of movement and complete versatility.

 **Kingsmill 65% Polyester, 35% Cotton 300g**  
 **Black/Graphite Grey, Bottle Green/Black, Dark Navy/Epic Royal, Epic Royal/Dark Navy, Graphite Grey/Black**

	Reg
Black/Graphite Grey	S - 3XL
Graphite Grey/Black	S - 4XL
Epic Royal/Dark Navy	S - 3XL
Dark Navy/Epic Royal	S - 3XL
Bottle Green/Black	S - 3XL





**TX33** 221

Elasticated back waist



**TX32** 223



**TX39** 224



Phone pocket

**TX37** 225



**TX36** 222



**Spacious pockets**

**TX37 Cologne Shorts**



The Cologne shorts offer contemporary styling combined with practicality and comfort. Perfect as a cool alternative in warmer conditions.



**Kingsmill 65% Polyester, 35% Cotton 300g**



**Black/Graphite Grey, Bottle Green/Black, Dark Navy/Epic Royal, Epic Royal/Dark Navy, Graphite Grey/Black**



**50+ UPF**



	Reg
Black/Graphite Grey	S - 3XL
Graphite Grey/Black	S - 3XL
Epic Royal/Dark Navy	S - 3XL
Dark Navy/Epic Royal	S - 3XL
Bottle Green/Black	S - 3XL

**260g**

**NEW  
COLOUR**

**Fabric Benefits**

This Premium Cotton fabric is constructed using special long staple fibres which create a strong but soft material with excellent pilling resistance. Moisture is absorbed quickly which allows the wearer to feel cooler, drier and more comfortable. The fabric is fully pre-shrunk and has excellent dye retention properties.

**Garment Benefits**

Portwest Texo Cotton is a contrast range of workwear available in multiple winning colour ways. Suitable for several markets and end uses, the distinctive design is the ideal uniform choice. The premium cotton fabric provides comfort and the ergonomic design allows for ease of movement when required.

Smart phone pocket

Sleeve pocket

Spacious pockets

Concealed zip opening

Hook and loop adjustable cuffs



**CW10 Krakow Jacket**

24

Smart phone icon

7

50+ UPF

This contemporary jacket is designed to cope with the most demanding jobs. Hardwearing and practical it has all the features required to ensure functionality and a comfortable fit. Winning features include spacious lower pockets for hand warming and ample storage, side elastication for ease of movement and hook and loop adjustable cuffs.

100% Cotton 260g  
Black/Red, Graphite Grey/Black, Navy/Royal S-3XL



Elasticated back waist

260g

NEW COLOUR

Two back pockets

Elasticated back panel

Two back patch pockets

Double rule pocket

Rule pocket

Twin-stitched seams

Knee pad pockets

Hook and loop adjustable hem



260g

NEW COLOUR

Elasticated back panel

Two back patch pockets

Double rule pocket

Rule pocket

Twin-stitched seams

Knee pad pockets

Hook and loop adjustable hem

**CW11 Poznan Trouser**



The Poznan trouser offers supreme comfort for the wearer. Perfect for work activities, useful features include back elastics and knee pad pockets. Multiple pockets provide secure storage and twin stitching throughout adds to the durability of this winning style.

50 UPF

100% Cotton 260g

Black/Red, Graphite Grey/Black, Navy/Royal S-3XL

**CW12 Warsaw Bib and Brace**



This style has a host of winning features such as multiple pockets and back elastic for ease of movement. The contemporary fit and stylish design creates a modern garment suitable for a variety of jobs.

50 UPF

100% Cotton 260g

Black/Red, Graphite Grey/Black, Navy/Royal S-3XL

This range is characterised by its modern, fresh look. Craft workwear has lots of clever features including Oxford fabric reinforcement at key abrasion points and a multi storage pocket for phones and tools. The highest quality fabrics are used in this range so the garments will keep their fresh look wash after wash. Used as separates or worn together, these styles are the ideal workwear solution for a range of professionals.

**245g**

## Cool, Comfortable, All-Round Workwear



### KS51 Craft Polo

48

This contemporary polo is a great addition to the Craft Workwear range. Features include a ribbed knit collar and cuff for style and a chest pocket for added functionality in the workplace.

1

50+ UPF

65% Polyester, 35% Cotton 210g  
White/Grey S-XXL

### KS55 Craft Jacket

24

This stylish jacket is cool, comfortable and practical. Perfect for all painting and plastering jobs, features include hook and loop for adjustment of cuffs and hem, Oxford fabric for abrasion resistance and secure pockets.

4

50+ UPF

Kingsmill 65% Polyester, 35% Cotton 245g  
White/Grey M-XXL

245g

**KS54** *Craft Trousers*

- The Craft trouser looks clean and smart and is packed full of clever features. The slim improved fit adds to the contemporary appeal of this style while the Oxford contrast offers extra abrasion resistance and completes the modern look.
- Lightweight hammer loop
- Double rule pocket
- Reflective piping
- Reflective tabs
- Reflective piping

**Kingsmill 65% Polyester, 35% Cotton 245g**  
 **White/Grey XS-3XL**

**50 UPF** **KINGSMILL** **245**

**KS56** *Craft Bib & Brace*

- This style has all the attributes you would expect on a modern bib and brace including a contemporary fit. Additional features include a spacious bib pocket and back elastic panel for extra comfort.
- Two back patch pockets
- Contrast pocket bearers
- Multiple storage pockets
- Reflective tabs
- Reflective piping

**Kingsmill 65% Polyester, 35% Cotton 245g**  
 **White/Grey S-3XL**

**KINGSMILL** **245**



**KS54**

**KS56**

Oxford Polyester

# PAIN TERS WORKWEAR

This modern range will meet all your painting and plastering needs. The durable cotton fabric is absorbent and has been pre-shrunk to ensure that these garments maintain their shape wash after wash. Garments are designed with a comfort fit and include several handy pockets for secure storage.

305g

## 100% Cotton For Comfort and Durability



4XL  
XS



S810

### Bolton Painters Bib & Brace

Made with 100% pre-shrunk cotton to provide good protection against paint spills. Features of this functional garment include a bib pocket with zip, one large front pouch pocket, knee pad, hip and rule pockets, elasticated back section and plastic non-corrosive buckles.

100% Cotton, 3111, Pre-Shrunk 305g  
White XS-4XL



S791

### Painters Shorts



Innovative layered pockets accommodate tools and brushes while back elastication allows for greater freedom of movement and a more comfortable fit. Also includes two useful back patch pockets. This style is an all round winner.

100% Cotton, 3111, Pre-Shrunk 305g  
White S-XXL

S810

FW33 378





**305g**

Multiple storage pockets

Side elastic waist

Hook and loop adjustable cuffs

Half elasticated waist

Hook and bar closure

Back pocket

Rule pocket

Multiple storage pockets

Pre-shrunk cotton fabric

Knee pad pockets

**S827 Painters Jacket**

- 24
- Mobile phone
- 6
- 50+ UPF

Features of this contemporary jacket include a layered chest pocket with mobile phone and pen sections. Waist elastication allows for extra comfort and ease of movement.

100% Cotton, 3111, Pre-Shrunk 305g  
 White S-XXL



For additional colours see page 352



For additional colours see page 354

**S817 Painters Trousers**

- 24
- Mobile phone
- 8
- 50+ UPF

Featuring the latest innovative design, this modern painter's trouser has a layered thigh pocket for mobile phone and pens. Incorporating side, knee pad, hip and rule pockets, it covers every need of a craftsman and is completed by an elasticated waist for comfort.

100% Cotton, 3111, Pre-Shrunk 305g  
 Reg: White XS-4XL  
 Tall: White XS-3XL

**B210 Naples Polo Shirt**

- 48
- 50+ UPF

65% Polyester, 35% Cotton 210g  
 White S-3XL

**B195 Turin Premium T-Shirt**

- 72
- 40+ UPF

100% Cotton 195g  
 White XS-3XL

**G412 Heavyweight Canvas Drop Cloth**

- 12

(4' x 12') (120cm x 360cm)  
 (8oz y<sup>2</sup>, 270g m<sup>2</sup>)  
 100% Cotton  
 Natural

**G912 Heavyweight Canvas Drop Cloth**

- 6

(9' x 12') (270cm x 360cm)  
 (8oz y<sup>2</sup>, 270g m<sup>2</sup>)  
 100% Cotton  
 Natural



**4XL**  
**XS**



**2** Zip out sleeves

**3** Converts to insulated gilet

**4** Liner can be removed



**1** Outer jacket

## PJ20 Two Tone Pilot Jacket



This contemporary, two tone jacket is stylish and practical. Versatile features include; zip out sleeves, multiple secure pockets, removable fur liner and collar. The shower proof outer fabric adds to the appeal of this all weather style.

60% Cotton, 40% Polyester, Shower-Proof Finish 240g

100% Polyester 50g

60% Cotton, 40% Polyester, Shower-Proof Finish 240g

Black/Grey, Green/Black, Navy/Royal, White/Grey XS-5XL





Zip Out Fur Lining and Collar



Phone pocket

1 Outer jacket

Rib Knit Hem

Ribbed cuffs

# Shower Resistant Fabric



2 Zip out sleeves

3 Converts to insulated gilet

4 Liner can be removed

## PJ10 Pilot Jacket



This style is available in classic monotone colours. Versatile features include zip out sleeves, multiple secure pockets, removable fur liner and collar. The shower proof outer fabric adds to the appeal of this all weather style.

- 60% Cotton, 40% Polyester, Shower-Proof Finish 240g
- 100% Polyester 50g
- 60% Cotton, 40% Polyester, Shower-Proof Finish 240g
- Black, Navy, Red XS-5XL





### Garment Benefits

Superior comfort and functionality form the appeal of the Action Range. These styles are made from quality Kingsmill fabric and feature multiple zip pockets for security and convenience. Each of the winning trouser styles can be matched with the Action Jacket.

**245g**



S862

S887



**S862**

### Action Jacket



This smart jacket is the perfect accompaniment to our Action trouser range. Stylish and functional features include versatile storage and side elastics for comfort.

Kingsmill 65% Polyester, 35% Cotton 245g

Black, Dark Navy S-3XL



245g

**S887 Action Trousers**



Superior comfort and functionality form the appeal of the Action Trousers. The secret to the popularity of this style is outstanding value, a huge choice of colours and a wide range of size and length options. Made from quality poly-cotton, features include multiple zip pockets, reinforced fabric at seat and knee areas with the added option of accommodating knee pads. A true market leader.

**Kingsmill 65% Polyester, 35% Cotton 245g**  
**Black, Dark Navy, Grey, Olive Green, Royal**



**11 pockets for ample storage**



Black

Dark Navy

Royal

Olive Green

Grey



Two back zip pockets

Knee pad pockets

**Available in 4 Leg Lengths**

- 29" - 74cm • Short
- 34" - 86cm • Tall
- 31" - 79cm • Reg
- 36" - 92cm • X-Tall

	Short	Reg	Tall	X-Tall
Black	30 - 44	26 - 56	28 - 48	30 - 44
Dark Navy	28 - 48	26 - 56	28 - 52	30 - 44
Royal		30 - 44	30 - 42	
Olive Green		28 - 46	34 - 44	
Grey		28 - 46	30 - 42	



**Huge Choice of Colours, Sizes and Leg Lengths** | 235

# Lightweight - Perfect for Warmer Climates



**245g**

**160g**



Half elasticated waist

Phone pocket

Zipped pockets



Side elastic waist

Two back pockets

Zipped pockets

Concealed zip opening

Side pockets

**Anti-Scratch Design**

## S889 Action Shorts



These popular shorts offer multiple storage space and are twin-stitched at the seams for added strength. The waistband is elasticated at the back for freedom of movement.

**Kingsmill 65% Polyester, 35% Cotton 245g**  
**Black XS-4XL, Grey S-XXL, Dark Navy S-4XL**

**50+ UPF**

**4XL XS**



## S787 Classic Action Trousers - Texpel Finish



If you require zips to be concealed for safety or scratch reasons but still need multiple storage space, S787 is the perfect option. This garment also offers a Texpel stain resistant finish for enhanced protection.

**65% Polyester, 35% Cotton, Peach Finish 160g**  
**Navy S-3XL**

**50+ UPF**

**Comfort touch, peach finish fabric**



245g

LINED

290g

Half elasticated waist

Elasticated back waist

Two back zip pockets

Two back zip pockets

Side pocket

Zipped pockets

Side pockets

Knee pad pockets

Knee pad pockets



Inner Brushed Thermal Lining

### C887 Action Trousers, With Back Elastication



C887 comes with the addition of elasticsation at the waistband. This allows for even greater comfort and ease of movement.

Kingsmill 65% Polyester, 35% Cotton 245g  
 Reg: Black S-3XL; Tall: Black S-3XL

### C387 Lined Action Trousers



For extra warmth and comfort, a brushed knitted nylon lining has been added to our popular Action Trousers. With knee pad pockets and doubly reinforcement to the seat and knee areas, comfort and durability are ensured at all times.

Kingsmill 65% Polyester, 35% Cotton 190g  
 100% Nylon, Knitted Brushed Thermal Lining 100g  
 Reg:Black, Dark Navy XS-3XL  
Tall: Black, Dark Navy S-XXL



Excellent Abrasion Resistance and Strength | 237

## MULTI POCKET TROUSER

### Internal Kneepad Pockets



#### C721 Combat Kneepad Trousers



36

This garment portrays all the original styling of the modern-day work trouser. This updated version has the benefit of internal knee pad pockets. Constructed from our rugged, pre-shrunk Kingsmill fabric, the Combat Trousers are built to take on the toughest of jobs. Multiple utility pockets are featured with hook and loop flaps for added security.

8

50+  
UPF



 Kingsmill 65% Polyester, 35% Cotton 245g  
 Black, Dark Navy 28-46

 **KINGSMILL** 245

## WOVEN SLIM FIT



#### C711 Slim Fit Combat Trousers

36

This slim fit combat trouser offers a fantastic fit for the ultimate modern-day work trouser. Constructed from our rugged, pre-shrunk Kingsmill fabric, the Combat Trousers are built to take on the toughest of jobs. Multiple utility pockets are featured with hook and loop flaps for added security. Features a reflective trim on the internal hemline for enhanced visibility.

6

50+  
UPF



 Kingsmill 65% Polyester, 35% Cotton 245g  
 Black, Dark Navy 28-46

 **KINGSMILL** 245



**stretch**  
SLIM FIT

## Fabric Information

Portwest Stretch is a premium cotton stretch fabric. A blend of 98% cotton and 2% elastane provides the ultimate in comfort and flexibility. The high cotton content gives an ultra soft handle, and the added elastane delivers ease of movement. The long staple fibres used in the construction process provide strength, excellent pilling resistance and a superior finish. This fabric has a UPF rating of 50+ to block 98% of UV rays.



**Flexibility with  
Added Stretch**

### S232 Stretch Slim Chino Trousers

36

This slim fit stretch chino is the perfect uniform solution. It offers a contemporary slim fit in a dynamic cotton stretch twill fabric. The stretch fabric gives the ultimate in comfort and freedom of movement. Features include side pockets, a rear buttoned jettied pocket and a hook and bar waist fastening. Highly durable with twin stitching throughout and bar-tacked at all stress points.

50+  
UPF

4

98% cotton 2% elastane 255g  
Black, Dark Navy 28-46

### S231 Stretch Slim Combat Trousers

36

This slim fit stretch trouser has all the features of a cargo style with the advantage of dynamic cotton stretch twill fabric. This stretch fabric gives the ultimate in comfort and freedom of movement. Features include multiple utility pockets and a concealed hook and bar waist fastening. With twin stitching throughout and bar-tacking at all stress points this trouser is highly durable.

50+  
UPF

8

98% cotton 2% elastane 255g  
Black, Dark Navy 28-46

**stretch**  
SLIM FIT



**stretch**  
SLIM FIT



# COMBAT COLLECTION

This range offers a choice of styles for multi end uses. Each distinguished trouser incorporates several handy pockets, providing security and convenience. The Kingsmill fabric is durable, yet cool and comfortable.

245g

B195 354

Two back patch pockets



210g

D-ring

Two back patch pockets

Side pockets

C701

C701

FW63 378

## S790 Combat Shorts

36

The half-elasticated waistband complete with belt loops, enhance the comfort of this modern style. Twin-stitched seams give a robust look and added durability to the garment.

6

**Kingsmill 65% Polyester, 35% Cotton 210g**

50 UPF

**Black, Grey S-XXL, Dark Navy XS-3XL**

6

50 UPF

Multiple storage pockets

## C701 Combat Trousers

36

This garment portrays all the original styling of the modern-day work trouser. Constructed from our rugged, pre-shrunk Kingsmill fabric, the Combat Trousers are built to take on the toughest of jobs. Multiple utility pockets are featured with Hook and Loop flaps for added security.

6

50 UPF

**Kingsmill 65% Polyester, 35% Cotton 245g**

**Black, Bottle Green, Dark Navy, Grey**

52"  
26"

	Short	Reg	Tall	XTall
Black		26 - 48	28 - 48	
Bottle Green		30 - 44		
Dark Navy	30 - 42	26 - 52	28 - 48	32 - 42
Grey		28 - 48	28 - 48	

**KINGSMILL 210**

**KINGSMILL 245**

245g

245g

300g

Multiple storage pockets

Jetted back pocket

Side access pockets

Elasticated back waist

D-ring

Two back pockets

Double  
rule  
pocket

Two back  
pockets

Knee pad  
pockets

Knee pad  
pockets



**Multiple  
storage pockets**

**S891 Bradford Trousers**

24

With an abundance of clever features, the Bradford Trouser is among the best in the market. The poly-cotton fabric is hard wearing and very comfortable and the generous sized pockets are ideal for tools and valuables.

7

50+  
UPF

**Kingsmill 65% Polyester,  
35% Cotton 245g**  
Black, Bottle Green,  
Maroon, Navy

	Reg	Tall
Black	76 - 112	76 - 112
Bottle Green	76 - 112	80 - 100
Maroon	76 - 112	
Navy	72 - 116	72 - 116

**KINGSMILL 245**

**C703 Combat Work Trousers**

24

Working trousers designed to withstand wear and tear. The strong, rugged construction of the trouser is popular amongst professionals looking for a long lasting, hassle free garment. The poly-cotton fabric is extremely comfortable to wear and washes well. The large combat pockets are a practical addition.

8

50+  
UPF

**Kingsmill 65% Polyester,  
35% Cotton 245g**  
Dark Navy XS-3XL

**KINGSMILL 245**

**S987 Multi Pocket Trousers**

24

This heavy duty work trouser is ideal for the harshest work environments. The seams are triple-stitched for strength and the combat thigh pocket adds to the appeal. The elasticated waistband and knee pad pockets ensure that comfort for the wearer is a priority.

10

50+  
UPF

**65% Polyester, 35% Cotton 300g**  
Reg: Navy S-3XL  
Tall: Navy S-XXL

# FORTIS

245g

## Modern Styling with Contrast Piping

### 2860 Classic Work Jacket

**24** This smart jacket has various pockets for multi storage and a contrast colour trim. Waist elastication provides comfort and ease of movement.

**6** Fortis 65% Polyester, 35% Cotton 245g

**50 UPF** Navy, Royal 5-XXL



Stud-adjustable cuffs

Concealed stud front

Side elastic waist

245g

Hook and bar closure

Jetted back pocket

Sewn in front centre seam

### 2885 Preston Trousers

**36** This classic style is durable and comfortable with a sewn in front crease which adds to the professional look. Features include two side pockets and a back jetted pocket.

Fortis 65% Polyester, 35% Cotton 245g

Black, Bottle Green, Graphite, Navy, Royal



52"  
26"

	Reg	Tall
Black	28 - 46	30 - 44
Bottle Green	28 - 46	32 - 40
Graphite	30 - 44	32 - 40
Navy	26 - 52	28 - 46
Royal	28 - 44	32 - 40

300g

Hook and bar closure

Jetted back pocket

Sewn in front centre seam

### 2085 Wakefield Trousers

**24** Made from tough polyester/cotton fabric, the Wakefield trouser offers comfort and durability. Features include a sewn in front crease and hook and bar closure.

Fortis 65% Polyester, 35% Cotton 300g

Navy, Black, Bottle Green, Royal



46"  
28"

	Reg	Tall
Navy	28 - 48	28 - 44
Bottle Green	32 - 46	
Royal	30 - 44	
Black	30 - 46	32 - 42

Fortis™ fabric is 65% Polyester 35% Cotton and is available in two weights; 245g and 300g. This blend offers durability, protection and excellent wearer comfort. The UPF rating of 50+ blocks 98% of UV rays. Fortis has been constructed to a high specification and is the practical choice for all your workwear needs.

## Polyester/Cotton Healthcare Tunic



### C876 9 Pocket Bib and Brace



This popular style is designed for your convenience. A double rule pocket and layered chest pocket are among the several handy storage solutions. Back elastics offers comfort and ease of movement.



Fortis 65% Polyester, 35% Cotton 245g



Navy S-3XL, Royal S-XXL



### C875 Burnley Bib and Brace



This stylish Bib and Brace is available in a range of modern colours. Convenient storage options include a concealed zip chest pocket and a rule pocket. Back elastics offers all day comfort.



Fortis 65% Polyester, 35% Cotton 245g



Navy, Royal

Red

	Reg	Tall
Navy	S - 4XL	M - XXL
Royal	S - 3XL	
Red	S - XXL	



### C820 Healthcare Tunic



This mens healthcare tunic is made from high quality Kingsmill fabric. Features include tipped collar edge with concealed zip front, a chest scissor pocket and two lower patch pockets. The polyester cotton mix fabric will maintain its fresh look wash after wash.



Kingsmill 65% Polyester, 35% Cotton, 210g

Navy, White S-3XL



245g

Comfort and durability are key features of this top selling workwear range. Constructed from 65% Polyester 35% Cotton, pre-shrunk Tradeguard fabric, these styles provide excellent colour retention and will keep their shape wash after wash.

## Meeting All Your Workwear Needs

### C859 Mayo Jacket, Four Pockets



Features of this smart jacket include an action back for comfort and multiple pockets for convenience.

Trade Guard 65% Polyester, 35% Cotton 245g

Navy S-3XL



Concealed stud front

Action back

Phone pocket

C859

Jetted back pocket



S885

### S885 Mayo Trousers



Comfort and durability are key features of this top selling work trouser. Constructed from our high quality, pre-shrunk poly-cotton TradeGuard fabric, the trouser provides two side pockets and one jetted back pocket with button. A sewn-in crease completes the look of this ever popular garment.



Trade Guard 65% Polyester, 35% Cotton 245g

Reg: Navy 72 - 136  
Tall: Navy 76 - 112

Back pocket



S710

### S710 London Trousers



Made from high quality poly-viscose fabric, this modern trouser offers complete comfort and style. Two side pockets and a buttoned back pocket provide ample storage.



65% Polyester, 35% Viscose 260g

Reg: Black 28-46  
Tall: Black 32-44





### Garment Benefits

This range of Chemical Resistant garments has a treatment applied to the fabric, which provides superb liquid chemical resistance protection. Enclosed pockets and covered fastenings ensure corrosion does not occur. These EN certified styles give top performance and outstanding protection to those working in industries exposed to liquid chemical hazards.

### Full explanation of EN 13034 standard on page 129



#### CR10 Chemical Resistant Jacket

EN 13034 TYPE 6 PB



This jacket is fully certified to EN13034 and offers excellent upper body protection against chemicals. Constructed in a superior polyester cotton fabric which is treated for ultimate durability. Features include a secure stud front and a concealed mobile phone pocket.



80% Polyester, 20% Cotton, 245g

Epic Royal S-3XL

#### CR12 Chemical Resistant Bib

EN 13034 TYPE 6 PB



This bib offers upper and lower body protection against chemicals. Constructed in a superior polyester cotton mix treated twill fabric for ultimate durability. Features include secure enclosed pockets at the lower front and rear. A secure construction method ensures maximum protection for the wearer.



80% Polyester, 20% Cotton, 245g

Epic Royal S-3XL

COAT

245g

305g

**Practical  
and  
Robust**



**100%  
Cotton For  
Comfort  
and  
Durability**



**C852 Standard Coat**



24

For engineering or lab work, this superb garment will suit all your working requirements. Back vented for comfort, the coat features a concealed stud front and combines two lower patch pockets along with a single chest pocket. Excellent dye retention and fully pre-shrunk, this modern workwear coat will maintain its fresh appearance wash after wash.

3

50+  
UPF

 Kingsmill 65% Polyester, 35% Cotton 245g

 Navy S-4XL  
 White XS-4XL

**4XL  
XS**

 **KINGSMILL** 245



**C851 Standard Coat**

24

Features of this popular style include, a concealed stud front, two lower patch pockets and one chest pocket. Made from 100% cotton, this superb garment is durable and comfortable, meeting all your working requirements.

3

50+  
UPF

 100% Cotton, 3111, Pre-Shrunk 305g  
 White XS-3XL



245g

245g

**FORTIS**



**C865** *Howie Coat - Texpel Finish*

24

The Howie Coat has various clever design features. Knitted cuffs offer protection. Two lower extra patch pockets provide easy storage and a left chest pocket allows for easy access. The garment is protected with a Texpel water and dirt repellent finish.

3

50 UPF

**Kingsmill with Texpel Finish**  
65% Polyester, 35% Cotton 245g

White XXS-4XL

**4XL**  
**XXS**

**KINGSMILL** 245

**TEXPEL**  
SPLASH OIL\*STAIN

**2852** *Standard Coat*

24

Back vented for extra comfort, this versatile coat features a concealed stud front, two lower patch pockets and a single chest pocket.

3

50 UPF

**Fortis 65% Polyester, 35% Cotton 245g**  
Navy, Bottle Green, Royal, Black  
White

**5XL**  
**XXS**



	Reg
Black	S - XXL
Bottle Green	S - XXL
Navy	XS - 3XL
Royal	S - XXL
White	XXS - 5XL

**Ideal for Healthcare Industry** | 247

# FORTIS

Hard Wearing Easy Care Fabric

245g



**2802** Standard Coverall



This smart coverall features a chest pocket with flap for secure storage and two side pockets. Comfort, practicality and durability are ensured.

Fortis 65% Polyester, 35% Cotton 245g  
Navy, White, Royal

	Reg	Tall
Navy	XS - XXL	M - XXL
White	XS - 3XL	
Royal	S - 3XL	

POLYESTER/COTTON COVERALL

245g



Workwear  
Youth's  
Coverall



**C813 Liverpool Zip Coverall**



The pre-shrunk, top quality fabric contributes to the professional appearance of this garment. Various pockets and a hammer loop complement the all-purpose styling.

Kingsmill 65% Polyester, 35% Cotton 245g

- Bottle Green, Navy, Royal
- Graphite, Black, Red
- Orange

	Reg	Tall
Bottle Green	S - XXL	
Navy	XS - 5XL	S - 3XL
Royal	S - 3XL	
Graphite	S - XXL	
Black	S - 3XL	M - XXL
Red	S - 3XL	
Orange	S - XXL	



**C890 Youth's Coverall**



Kingsmill 65% Polyester, 35% Cotton 245g

- Navy, Age 4/5, 6/7, 8/9, 10/11, 12/13, 14/15

Best Selling Zip Coverall

POLYESTER/COTTON COVERALL

245g

210g

Available in a Selection of Modern Colours

Lightweight



Rule pocket

Phone pocket

Half elasticated waist

Elasticated back waist

Concealed stud front

Back patch pocket

Rule pocket

Rule pocket



	Reg	Tall
Bottle Green	S - XXL	
Navy	XS - 5XL	S - 3XL
Red	S - XXL	
Royal	S - 3XL	

**C802 Standard Coverall**

	Reg	Tall	X Tall
White	M - XXL		
Bottle Green	S - 3XL	M - XXL	
Graphite	S - 3XL		
Navy	S - 6XL	M - 5XL	M - XXL
Royal	S - 5XL	M - XXL	
Black	S - XXL	M - XXL	
Red	S - 3XL		

**S999 Euro Work Coverall**



The winning features of this popular coverall include one chest, one rule and two side pockets. Back elastication provides all day comfort.

**Kingsmill 65% Polyester, 35% Cotton 245g**



- X White
- Y Bottle Green, Graphite, Navy, Royal
- Z Black, Red



Winning features of this durable coverall include, two chest pockets, one rule pocket and a concealed stud front. Perfect for all your working requirements.



**Kingsmill 65% Polyester, 35% Cotton 210g**

- X Bottle Green, Navy, Red, Royal



445g



PADDED

300g



**S816 Orkney Lined Coverall**

EN 342 0.311M2.K/W(B), X, 2, X



Combining top performing Kingsmill fabric, with a polyester wadding liner, this rugged garment protects against the coldest of conditions.

- Kingsmill 65% Polyester, 35% Cotton 245g
- 100% Polyester Wadding: 200g
- Navy S-3XL

**C808 Portwest Coverall - Texpel SOS Finish**

This impressive garment offers high performance fabric, top quality protection and the ultimate in comfort. A Texpel coating provides a water and dirt repellent finish. Zipped pockets offer extra security.



- Kingsmill with Texpel Finish 65% Polyester, 35% Cotton 300g
- Reg: Navy S-3XL
- Tall: Navy M-XXL



260g

100%  
COTTON  
FABRIC



Rule pocket

C811

Two back patch pockets

Side access

7 pockets  
for ample  
storage

**C811 Cotton Boilersuit**



This smart boilersuit offers the ultimate in comfort and protection. Winning features include twin stitching throughout, brass zips and several secure pockets. Available in a range of modern colours.

100% Cotton 260g  
Navy, Orange XS - 4XL

C811

	Reg
Navy	XS - 4XL
Orange	XS - 4XL



# 100% Cotton Coveralls

**100%  
COTTON  
FABRIC**

**190g**



## **C814** Iona Cotton Coverall



This cotton coverall offers practicality and lightweight comfort. Reflective tape provides increased visibility ensuring safety in the workplace.

**100% Cotton 190g**  
**Khaki, Navy S-XXL**

## **C812** Dubai Coverall



This cotton coverall offers lightweight comfort for every day use. With multiple zip pockets throughout and a generous fit this winning style is ideal for all your workwear needs.

**100% Cotton 190g**  
**Khaki, Navy S-XXL**

100%  
COTTON  
FABRIC

### Garment Benefits

This range of cleverly crafted traditional designs has been constructed using our high specification 100% Cotton, 305g fabric. High quality materials combined with comfort, strength and durability, make these garments a practical choice for all your workwear needs.

305g



Concealed stud front

Pen division

Elasticated back waist

Rule pocket

305g



Spacious pockets

Back patch pocket

Rule pocket

#### C806 Cotton Coverall

18

Features of this stylish coverall include a concealed stud front and a handy chest pocket. The quality cotton fabric washes well and offers supreme comfort.

4

100% Cotton, 3111, Pre-Shrunk 305g

50+ UPF

Navy S-3XL

White S-3XL

#### C881 Bib and Brace

24

Made from the highest quality cotton, this popular style offers all day comfort. Convenient features include side access, a chest pocket and back elastic for ease of movement.

4

100% Cotton, 3111, Pre-Shrunk 305g

50+ UPF

Navy S-4XL

4XL





**260g**

**LOW LINT**

**130g**

*Low Lint*



**S998 Euro Work Cotton Coverall**

**24** This cotton coverall offers various pockets for convenient storage, including a rule pocket. Side elastication provides extra comfort and ease of movement.

**5**

**50 UPF** **100% Cotton 260g**  
**Reg: Black S-3XL, Navy XS-3XL**  
**Tall: Navy S-XXL**

**C803 Nylon Zip Coverall**

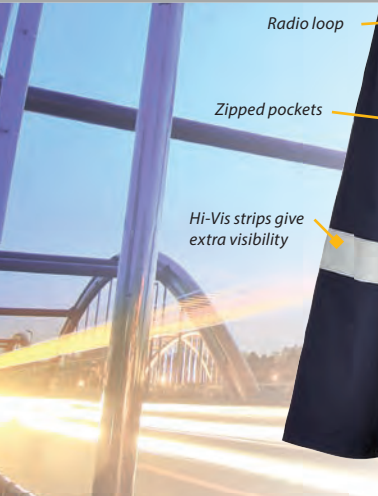
**24** Made from lightweight nylon fabric, this versatile coverall is cool and comfortable. Winning features include a chest pocket, rule pocket and elasticated waist.

**4**

**100% Nylon 130g**  
**Navy S-4XL**



# IONA™



Radio loop

Zipped pockets

Hi-Vis strips give extra visibility

Concealed zip opening

Elastic back

Chest pocket

Hammer loop

Rule pocket

Two back patch pockets

Double rule pocket

Knee pad pockets

Reflective tape

## Fabric Information

Portwest Iona workwear range uses Kingsmill 65% polyester 35% cotton fabric. The combined properties of these fibres provide absorption, comfort and durability, the ideal workwear fabric.

## Garment Benefits

The Iona range combines practical design and colours with reflective taping which gives extra visibility in outdoor conditions. The garments are easy fitting and have a host of practical features including waist elastics and multiple pockets.

### F813 Iona Coverall



Safety and comfort are the hallmarks of this coverall. Features include kneepad pockets, action back, stud adjustable cuffs, functional pockets and a hammer loop. Hi-Vis reflective tape to chest, arms and legs for ultimate visibility.

Kingsmill 65% Polyester, 35% Cotton 245g  
 Black S-3XL, Navy S-4XL



### S916 Iona Bib and Brace



The Iona bib and brace offers comfort, safety and functionality. Features include a spacious chest pocket, double rule pocket and reflective tape.

Kingsmill 65% Polyester, 35% Cotton 245g  
 Navy S-3XL, Black M-XXL





**F477 Iona Poloshirt**

48  
50 UPF

This stylish polo shirt incorporates hi-vis reflective tape to make the wearer more visible. The comfortable fabric has superior wicking properties so moisture is drawn quickly away from the body - ideal for warm conditions.

100% Polyester, Bird Eye Knit 155g  
Black S-XXL, Navy S-5XL

5XL

TEXPEL WICKING



**B307 Iona Sweater**

24  
50 UPF

A valuable addition to the Iona range, this stylish sweater combines comfort and safety in the working environment. The Hi-Vis reflective tape ensures the wearer is more visible, while the fabric combining polyester and cotton provides comfort, warmth and durability.

65% Polyester, 35% Cotton 300g  
Black, Navy S-3XL



Jetted back pocket  
Rule pocket

**S917 Iona Safety Combat Trousers**

24  
8  
50 UPF

An abundance of useful features make the Iona Safety Trousers a popular option where enhanced visibility is needed. Hard wearing pre-shrunk fabric and knee pad pockets make this style great for everyday use in most environments. The generous fit provides comfort and ease of movement.

Kingsmill 65% Polyester, 35% Cotton 245g  
Dark Navy, Black, Bottle Green

4XL XS

KINGSMILL 245

	Reg	Tall
Dark Navy	XS - 4XL	S - XXL
Black	S - XXL	
Bottle Green	S - XXL	

Knee pad pockets

Reflective tape



Elasticated back waist

NEW COLOUR

Two back patch pockets  
Abrasion resistant Ballistic fabric

**S918 Ballistic Trousers**

24  
4

This style is manufactured from top quality poly-cotton. Ballistic nylon panels on the outer legs offer maximum protection against glass, tin cans and other dangerous materials, making this trouser a winner for refuse workers. Two reflective bands around each lower leg provide further safety by guaranteeing visibility.

Kingsmill 65% Polyester, 35% Cotton 245g  
Bottle Green S-XXL, Navy S-3XL, Black S-3XL

Multiple storage pockets

KINGSMILL 245

Reflective tape



Elasticated back waist



### Fabric Information

The outer fabric is 65% Polyester, 35% Cotton, 245g. This is highly durable and has a water repellent finishing. The certified styles have nine layers of protection to the front of each leg. This material adds superior protection, breathability and comfort.

### Garment Benefits

The Oak Chainsaw Range is designed for maximum comfort and safety. The range has been designed for extreme outdoor conditions and incorporates stretch fabrics in key areas for greater ease of movement. With water repellent material and practical pockets, this range will keep you looking good and fully protected at the same time.

### EN 381-5:1995

The protective products have been tested in accordance with EN 381-5:1995 for Class 1 performance. EN381-5:1995 certified garments are designed to provide protection to the legs against accidental contact with a hand-held chainsaw machine (protection at linear chainsaw speeds up to 20 m/s).



**EN 381**



**Ideal for  
Forestry Work**

### CH12

#### Oak Bib and Brace

EN 381-5: 1995 CLASS 1, TYPE A 20 M/S  
CERTIFIED TO KWF STANDARD



This Oak model has 9 layers of protection to the front of each leg and is mainly intended to be used for forestry work by professional lumberjacks who work with both feet on the ground. With excellent breathable and water resistant properties this Bib and Brace is sweat wicking, lighter and more flexible while also giving the wearer maximum mobility.

65% Polyester, 35% Cotton 245g

43% Polyester 57% Polypropylene 120g

Black/Orange S-3XL



Storm flap front

Hook and loop adjustable cuffs

**CH10** Oak Jacket



65% Polyester, 35% Cotton 245g  
Black/Orange S-3XL



Elasticated back waist

Belt loops on waistband

Side pockets  
Back pocket

Double layer orange fabric at bottom and side



**kwf**

www.kwf-online.org

**CH11** Oak Trousers

EN 381-5: 1995 CLASS 1, TYPE A 20 M/S  
CERTIFIED TO KWF STANDARD



65% Polyester, 35% Cotton 245g  
43% Polyester 57% Polypropylene 120g  
Black/Orange S-XXL



PW98 543

CH10

A290 431

CH11

FD01 363

Light, Breathable, Durable | 259



### Fabric Information

Fabrics used in the ESD range are strong and durable. Carbon fibre woven through the fabric provides superb anti static protection.

### Garment Benefits

A build up of electrostatic discharge (ESD) can damage sensitive electronic components or give fire risks when handling solvents and other flammable materials. These garments are perfect for use in electrostatic protected areas. Conductive fibres in garments work by preventing the static charge build up by allowing it to dissipate through the conductive fibres and go to earth.

### AS21 Anti-Static ESD Polo Shirt

EN 1149  
EN 61340-5-1



This cotton polo shirt offers all the comfort and protection required for ESD environments.

96% Cotton, 4% Carbon Fibre 195g  
 Hospital Blue, White S-XXL



### AS20 Anti-Static ESD T-Shirt

EN 1149  
EN 61340-5-1



This protective t-shirt is light and comfortable. Ideal for environments where electrostatic resistance is required.

96% Polyester 4% Carbon Fibre 195g  
 Hospital Blue, White S-XXL



EN 1149

### EN 1149: 2008

This European standard is part of a series of standards for test methods and requirements for electrostatic properties of protective clothing. The standard specifies material and design requirements for garments used as part of a total earthed system, to avoid incendiary discharges. The requirements may not be sufficient in oxygen enriched flammable atmospheres. This standard is not applicable for protection against mains voltages.



EN 61340-5-1: 2007  
Protection Of Electronic  
Devices From Electrostatic  
Phenomena



**AS11** Anti-Static ESD Trousers

EN 1149  
EN 61340-5-1



This unisex trouser is designed for safety and comfort. Specifically designed for the electronics industry and component handling.



65% Polyester, 34% Cotton, 1% Conductive Fibre 210g  
Hospital Blue, XS-XXL



**AS10** Anti-Static ESD Coat

EN 1149  
EN 61340-5-1



This inherently anti-static coat is ideal for environments where electrostatic resistance is required. Designed with safety and comfort in mind, features include side vents and adjustable cuffs.



65% Polyester, 34% Cotton, 1% Conductive Fibre 210g  
Hospital Blue, White XS-3XL



**Other Products in our ESD Range**



**Perfect for Use in Electrostatic Protected Areas** | 261

# PORTWEST COOLING



Reduce heat stress and keep cool with the Portwest Cooling range of innovative products

This innovative range offers a comprehensive selection of products to help minimise the risk of heat stress and UV rays. Outdoor workers in construction, agriculture, mining, oil and gas and other industries frequently find themselves working in temperatures up to and over 40°C/100°F. This Cooling range is ideal for use in these conditions.



**Step 1**

SOAK IN COOL WATER FOR 1-2 MINUTES



**Step 2**

SQUEEZE OUT EXCESS WATER



**Step 3**

KEEPS COOL FOR UP TO 8 HOURS

THE GARMENT WILL REMAIN HYDRATED FOR SEVERAL HOURS. TO REACTIVATE REPEAT STEPS 1, 2 AND 3



**B195** 354

**CV02**



### **CV03** Cooling Crown with Neck Shade

144  
12

This Cooling Crown is lightweight and very comfortable when in use. It can help to lower body temperature for several hours. It attaches to most hard hats and bump caps. This accessory helps protect head and neck from heat stress and sun rays.

100% Polyester 100g  
 Orange/Blue One Size

**TX32** 203

**FW17** 388



### **CV04** Cooling Head Band

144  
12

The cooling headband is designed to help keep the wearer cool in warm climates. It is lightweight and easy to use. Can be worn under helmets and hats or by itself and offers hours of cooling without compromising mobility.

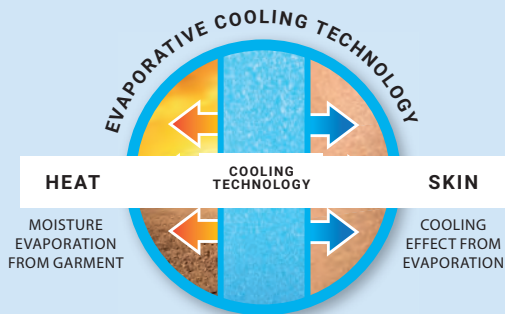
100% Polyester,  
Bird Eye Knit 175g  
 Blue One Size





## Fabric Information

Portwest evaporative cooling products are constructed from an innovative PVA multi layered fabric which uses a unique polymer chemistry. Simply activate by soaking in water creating a chemical reaction within the fabric which enables the garments to act like a sponge; retaining water, keeping the body cool in hot weather conditions.



## Helps Stop the Core from Overheating



*Keep cool for up to 8 hours*



### CV01 Cooling Vest



An innovative product that keeps workers cool for up to 8 hours. Using technologies and materials designed to prevent heat stress, this vest keeps the body at an ideal temperature allowing the wearer to work in comfort, even in the hottest and most humid of weather. Simply saturate the vest in water and squeeze to remove any excess. The vest can then be worn and will not dampen any clothes underneath. When the vest becomes dry, simply repeat for a further 8 hours of cool comfort.

100% Polyester Mesh, PVA Padding, Bamboo Yarn 440g  
 X Grey One Size

### CV02 High Vis Cooling Vest

EN ISO 20471 CLASS 2



This vest is designed from material made specifically for body cooling. This construction is to help counter the harmful effects of heat stress. This vest lowers body temperature and can be re-cooled in minutes which offers hours of cooling without compromising mobility. The fit of this vest is designed to clear your waist, providing ease when sitting or standing.

100% Polyester, Tricot 440g  
 X Hi-Vis Yellow S/M-L/XL



# Chefswear

Our exclusive collection of Chefswear offers complete versatility and functionality for all catering professionals.

- Practical, stylish and hardwearing.
- Garments are designed to keep the wearer cool in hot environments.
- An array of designs from classic to modern.
- This range is an all-round winner.



### Fabric Information

Constructed from 100% premium cotton, this fabric is guaranteed to keep you cool and comfortable in hot working environments. High quality material combined with strength, style and durability, make these garments a practical choice for demanding work conditions.



Ladies Chefs Jacket and Trouser also Available



### C775 Cambridge Chefs Jacket



Cool and comfortable, the Cambridge Jacket offers many practical and stylish features including French cuffs, reversible front with contrast piping, chest and sleeve pockets, 6 rows of detachable poppers, MeshAir aerated mesh underarms, two piece sleeve and shaped back panels for a contemporary fit. The luxurious fabric and classic design will keep you looking and feeling good.

- 100% Cotton 190g
- MeshAir 100% Polyester Mesh 110g
- White XS-XXL

**Air Flow for All Day Comfort**



## Underarm Mesh Gusset

Our exclusive range of lightweight 100% cotton chefs jackets feature MeshAir™ aerated underarm mesh panels. Constructed from 100% polyester, MeshAir aerated mesh 110g helps improve airflow and wicks moisture away from the skin. Special hollow polyester fibres improve air circulation, helping to keep you cool, dry and comfortable.






MESH AIR is a trademark of Portwest.



### C771 Norwich Chefs Jacket



Stylish and sophisticated, the Norwich Jacket boasts a range of useful features including a handy sleeve pocket, French cuffs, reversible front, 6 rows of detachable poppers, MeshAir aerated mesh underarms, two piece sleeve and shaped back panels for a contemporary fit.

-  100% Cotton 190g
-  MeshAir 100% Polyester Mesh 110g
-  White XS-XXL

### C772 Newport Chefs Jacket




The Newport Jacket has been designed with comfort and practicality in mind. Features of this classic jacket include a handy sleeve pocket, reversible front, 6 rows of detachable poppers, MeshAir aerated mesh underarms and shaped back panels for a contemporary fit.




-  100% Cotton 190g
-  MeshAir 100% Polyester Mesh 110g
-  White XS-XXL

100% COTTON FABRIC







**1 C774 Aberdeen Chefs Jacket**

 Practical, stylish and hardwearing, the Aberdeen Jacket has an array of useful features including: a handy sleeve pocket, 6 rows of white press studs, MeshAir aerated mesh underarms and shaped back panels for a contemporary fit. The durable fabric allows the garment to keep its shape wash after wash.


-  100% Cotton 190g
-  MeshAir 100% Polyester Mesh 110g
-  White XS-XXL

**2 C773 Dundee Chefs Jacket**

 Designed for busy catering professionals, the Dundee jacket is the perfect choice for hot kitchen environments. Features of this stylish jacket include a handy sleeve pocket, French cuffs, 6 rows of white press studs, MeshAir aerated mesh underarms, two piece sleeve and shaped back panels for a contemporary fit.

-  100% Cotton 190g
-  MeshAir 100% Polyester Mesh 110g
-  White XS-XXL

**3 C836 Sussex Chefs Jacket**

 This jacket is the ultimate in wearer comfort. Made from 100% premium cotton, it is absorbent and comfortable next to the skin. The double-breasted front and rubber button features enhance the classic styling of this garment.

-  100% Cotton Satin Weave 280g
-  White XS-3XL

## COTTON RICH JACKET



### Fabric Information

Constructed from 60% cotton and 40% polyester, 245g with an anti-crease finish. Cotton rich fabric combines the comfort and absorbency of cotton with the strength and performance of polyester. With excellent tear and abrasion resistance, this fabric is the ideal choice for the most demanding of work environments.

**COTTON**  
Rich  
**FABRIC**





### C676 Aerated Chefs Jacket

24

When it gets hot in the kitchen, this style provides the ideal solution. Featuring an aerated mesh section at the back, this jacket came out on top for breathability when wear tested in kitchens. Stylish piping, chest and sleeve pockets, along with button tape add to the overall style of this garment. Made from our excellent performing cotton rich fabric with anti-crease finish.



 Cotton Rich 60% Cotton, 40% Polyester, Anti-crease Finish 245g

 MeshAir 100% Polyester Mesh 110g

 White XS-3XL

## MeshAir Back




C676

### C776 Executive Chefs Jacket

24

Featuring contrast piping, underarm ventilation and a handy chest pocket, the Executive Jacket has been designed for practicality and style. The anti-crease finish ensures you look good all day while the cotton rich fabric offers lasting comfort.

 Cotton Rich 60% Cotton, 40% Polyester, Anti-crease Finish 245g

 White XS-3XL

# Stain Repellent and Anti Fading Fabric



## Coating Information

Texpel™ SOS, Splash, Oil and Stain is a premium fabric finish which repels oil and liquids, causing them to bead up and roll off the fabric surface. The finish also helps release stains in the washing process, keeping garments looking cleaner for longer.



## Fabric Information

Constructed from 65% Polyester, 35% Cotton, Kingsmill™ fabric guarantees high performance and maximum comfort. The material is fully pre-shrunk, has superior dye retention and all the features you would expect from a modern workwear fabric.

TEXPEL and KINGSMILL are trademarks of Portwest.



### C834 Somerset Chefs Jacket



The Somerset jacket boasts superior comfort and workmanship. The sturdy polycotton fabric will hold its shape and colour wash after wash. Features of this popular style include: unisex fit, reversible front and cuff vents.




-  Kingsmill 65% Polyester, 35% Cotton 190g
-  White XXS-4XL
-  Black XS-3XL



### C833 Suffolk Chefs Jacket



Designed for busy professionals, the Suffolk jacket is perfect for the modern kitchen environment. Offering ease of movement and a handy stud closure, this style will keep you looking good and feeling fresh all day.

-  Kingsmill 65% Polyester, 35% Cotton 190g
-  White XS-3XL
-  Black XS-3XL

Detachable buttons

Sleeve pocket



**C734 Kent Chefs Jacket**

- 24 Kingsmill 65% Polyester, 35% Cotton 190g
- X White XS-XXL
- Y Black XS-XXL

Sleeve pocket



Ring stud front

**C733 Cumbria Chefs Jacket**

- 24 Kingsmill 65% Polyester, 35% Cotton 190g
- X White XS-4XL
- Y Black XS-4XL



Underarm Mesh Gusset

Concealed stud front



Sleeve pocket



French cuffs

**C730 Cross-Over Chefs Jacket**

- 24 Kingsmill 65% Polyester, 35% Cotton 190g
- MeshAir 100% Polyester Mesh 110g
- X White XS-3XL
- Y Black XS-3XL

Detachable buttons



Cuff vents

**C831 Cornwall Chefs Jacket**

Unisex Fit with Reversible front

- 24 Kingsmill with Texpel Finish 65% Polyester, 35% Cotton 190g
- X White XS-3XL



# Superior Comfort and Performance

**100%  
COTTON  
FABRIC**



Fully elasticated waistband

Back pocket



Jettied back pocket

Hook and bar closure

Side pockets

Side pocket



Concealed zip opening

Fully elasticated waistband

Back pocket

**4XL**  
**XXS**

## C079 Bromley Chefs Trousers

24

The Bromley trouser combines easy fit styling with high quality cotton fabric. Guaranteed to keep you comfortable and cool all day, features include: one hip pocket, concealed zip fastening and a fully elasticated waist with drawcord.



**100% Cotton 190g**

- Black/White Check, Reg XS-4XL**
- Blue/White Check, Reg XXS-4XL**
- Blue/White Check, Tall S-3XL**

## S884 Greenwich Chefs Trousers

24

This smart trouser is made from 100% yarn dyed cotton, keeping you comfortable and cool. The classic check design is a timeless feature of this practical garment. Styling includes two side pockets, one jettied hip pocket with button, zip fly with hook and bar fastening.



- 100% Cotton 190g**
- Blue/White Check, Reg 76-100cm**

## C078 Chester Chefs Trousers

24

Practical, stylish and hardwearing, the Chester Chefs Trouser has an array of useful features including: a versatile thigh pocket, one hip pocket, concealed zip fastening, fully elasticated waist and drawcord.



**100% Cotton 190g**

- Blue/White Check, Reg S-3XL**



**100%  
COTTON  
FABRIC**

**POLYESTER/COTTON TROUSER**

**KINGSMILL™ 190**

## Industry Leading Styles



**3XL**  
**XS**

### **C075** Barnet Chefs Trousers

24

In high temperature working conditions, you cannot beat the performance of 100% cotton. Absorbent and comfortable, the lightweight fabric will keep you cool throughout the day.



**100% Cotton 190g**  
**Blue/White Check, Reg XS-3XL;**  
**Blue/White Check, Tall XS-3XL**



**3XL**  
**XS**

### **S068** Harrow Chefs Trousers

24

Tried and tested, these trousers are the ultimate in function and comfort. Half elasticated back waist ensures a snug fit whilst side pockets and a handy back pocket keep your personal belongings close to hand.



**Kingsmill with Texpel Finish**  
**65% Polyester, 35% Cotton 190g**  
**Black Chessboard XS-3XL**  
**Houndstooth Black/White XS-3XL**



**4XL**  
**XXS**

### **C070** Drawstring Trousers

24

This comfortable, lightweight trouser is finished with a Texpel coating allowing liquids to roll off thereby protecting from spillages. Features include two side pockets and a fully elasticated waist with drawcord.



**Kingsmill with Texpel Finish**  
**65% Polyester, 35% Cotton 190g**  
**Black, Reg XXS-4XL**  
**Black, Tall XXS-3XL**

**TEXPEL™**  
SPLASH OIL+STAIN

**TEXPEL™**  
SPLASH OIL+STAIN



**100% COTTON FABRIC**

**S839 Butchers Apron**

72 12 100% Cotton 280g Navy/White Stripe, Red/White Stripe W72cm X H95cm



**S855 Butchers Apron with Pocket**

72 12 100% Cotton 280g Navy/White Stripe, Red/White Stripe W72cm X H95cm



**WATERPROOF**

**S849 Waterproof Bib Apron**

72 12 100% Nylon, Waterproof 260g Navy/White Stripe, Red/White Stripe W72cm X H95cm

**WAIST APRON**



**S837 Regular Apron**

72 12 100% Cotton 280g White W94cm X H72cm Black W94cm X H72cm

**S894 Waist Apron**

72 12 Kingsmill with Texpel Finish 65% Polyester, 35% Cotton 245g Black, White W71cm X H76cm

**S845 Bar Apron**

72 12 Kingsmill 65% Polyester, 35% Cotton 190g Black W72cm X H38cm

Advanced Stain Repellent Texpel Finish

**HEADWEAR**



**S899 Chefs Skull Cap**

144 12 Kingsmill with Texpel Finish 65% Polyester, 35% Cotton 190g White One Size Black One Size

**S900 MeshAir Skull Cap**

144 12 Kingsmill 65% Polyester, 35% Cotton 190g MeshAir 100% Polyester Mesh 60g White, Black One Size

**S895 Harrow Chefs Skull Cap**

144 12 Kingsmill with Texpel Finish 190g Black Chessboard One Size



Adjustable neck

Anti-tangle ties



**TEXPEL**  
SPLASH OIL-STAIN

Length: S/M:79CM, L/XL & XXL:86cm



**S841 PolyCotton Bib Apron**

72  
12

 Kingsmill with Texpel Finish  
65% Polyester, 35% Cotton 190g  
 Black, Navy, White  
W72cm X H95cm



**S840 Cotton Bib Apron**

72  
12

 100% Cotton 280g  
 White W72cm X H95cm  
 Black, Navy W72cm X H95cm

**S843 Tabard with Pocket**

72  
12

 Kingsmill 65% Polyester,  
35% Cotton 190g  
 Black, Bottle Green, Navy, Red,  
Royal, White S/M-XXL

WIDE FITTING



**S795 Waist Apron 120cm**

72  
12

 Kingsmill 65% Polyester,  
35% Cotton 190g  
 Black One Size

**S794 Waist Apron with Pocket**

72  
12

 Kingsmill 65% Polyester,  
35% Cotton 190g  
 Black, White W71cm X H76cm

**S796 Split Apron 80cm**

72  
12

 Kingsmill 65% Polyester,  
35% Cotton 190g  
 Black W99cm X H80cm



Elastic back  
Back neck snood



**S896 Snood Cap**

144  
12

 100% Cotton 280g  
 MeshAir 100% Polyester 65g  
 White One Size

**S903 Chefs Bandana**

144  
12

 Kingsmill 65% Polyester,  
35% Cotton 190g  
 Black One Size

**C600 Trilby Hat**

10

 100% Polyester Mesh  
 White S-XL

# A Great Range of Practical Styles



## Fabric Information

Fortis Plus fabric is designed to withstand the rigours of today's modern workplace. This fabric offers greater durability, superior protective qualities and excellent wearer comfort (65% Polyester/35% Cotton).

## Garment Benefits

The Food Industry range of garments has been developed to meet the rigorous demands of food preparation and catering environments. The garments have a streamlined design and are low maintenance for easy care. Hardwearing and functional, this range is the perfect choice for the demanding professional.



### 2202 Men's Food Coat, One Pocket

- Fortis Plus 65% Polyester, 35% Cotton 245g
- White XS-4XL
- Navy, Royal S-3XL



### 2206 Men's Food Coat, Three Pockets

- Fortis Plus 65% Polyester, 35% Cotton 245g
- White XS-3XL
- 

### 2201 Food Coverall

- Fortis Plus 65% Polyester, 35% Cotton 245g
- White, Reg S-3XL
- White, Tall M-XXL
- Royal, Reg S-XXL





**NEW**



Anti-tangle ties

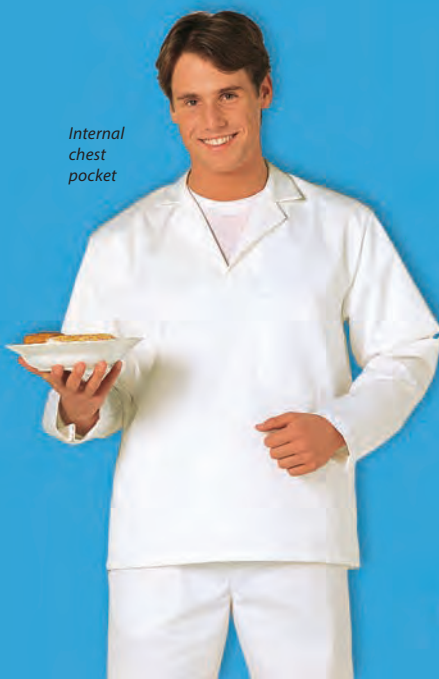
**2207 Food Industry Apron**

36



70% PVC, 30% Polyester 880g  
White One Size  
W67cm x H97cm

Internal chest pocket



**2203 Baker Shirt, Long Sleeves**

24



Fortis Plus 65% Polyester,  
35% Cotton 190g  
White S-XXL

1

Internal chest pocket



**NEW**

**2204 Food Industry Bodywarmer**

24



100% Polyester 50g  
White S-XXL

1



**2205 Ladies Food Coat, One Pocket**

24



Fortis Plus 65% Polyester,  
35% Cotton 190g

1

White XS-3XL

Internal chest pocket



**2209 Baker Shirt, Short Sleeves**

24



Fortis Plus 65% Polyester,  
35% Cotton 190g

1

White XS-3XL  
Royal XS-3XL

Side pocket



**4XL**  
**XXS**

**2208 Baker Trousers**

24



Fortis Plus 65% Polyester,  
35% Cotton 190g

1

White XXS-4XL  
Royal XS-3XL

**NEW**  
COLOUR

**NEW**  
COLOUR



# LADIESWEAR RANGE

This exclusive range of ladies workwear and safety footwear has been created to meet the increasing demands of women in industry. Garments have been tailored specifically to give a flattering and comfortable fit. High quality, innovative fabrics and modern construction techniques contribute to the functional appeal of this versatile range. Stylish and hardwearing, this workwear range is suitable for multiple end uses.

**28** *Styles*

- **FLAME RESISTANT**
- **HIGH VISIBILITY**
- **RAINWEAR**
- **CORPORATE CASUALS**
- **CHEFSWEAR**
- **FOOTWEAR**

350g

ANTI-STATIC  
**BIZFLAME™**  
 FLAME-RESISTANT **PLUS**

**Fabric Information**

- ✓ BizFlame Plus has been developed and designed using a highly innovative flame resistant fabric with added anti-static properties.
- ✓ Constructed from 99% cotton and interwoven with 1% carbon fibres, 350g.
- ✓ Excellent tear and tensile strength offer durability while the premium quality cotton fibres give the fabric unrivalled comfort.
- ✓ Inherent anti-static carbon fibre.

**Garment Benefits**

- ✓ Bizflame Plus garments provide protection to several EN standards.
- ✓ All of the Bizflame Plus garments have been put through the manikin test under EN ISO 11612 and have achieved excellent results demonstrating the level of protection offered to the wearer.
- ✓ Triple stitched throughout for strength in the toughest environments.
- ✓ Industrial wash flame resistant tape provides enhanced visibility.
- ✓ Prevents build up of wearer static energy



13.6  
Cal/Cm<sup>2</sup>

**FR51 Bizflame Plus Ladies Coverall 350g**

EN ISO 11612 A1+A2, B1, C1, E2, F1  
 EN ISO 11611 CLASS 2 A1+A2  
 EN 1149 -5  
 IEC 61482-2 IEC 61482-1-2 CLASS 1  
 ASTM F1959/F1959M-12 ATPV 13.6 CAL CM/2 (HAF 82%)  
 FABRIC CONFORMS TO NFPA 2112

Ideal for the demands of the off-shore industry this innovative FR coverall is specially tailored for the female form. The perfect fit combined with the soft touch fabric provides outstanding all day comfort.

**Bizflame Plus 350g**  
 Navy, Orange XS-XXL  
 Leg adjusts from 74cm/29" to 79cm/31"



ASTM  
 F1959/ NFPA  
 F1959M-12 2112

# LADIES JACKET



PADDED

**S360**

## Hi-Vis Ladies Traffic Jacket

EN ISO 20471 CLASS 3  
EN 343 CLASS 3:1  
EN 342 0.503M<sup>2</sup> K/W(B), X, 3, 2



The best selling Traffic Jacket has been adapted with ladies specifically in mind and provides a flattering fit. All the excellent characteristics of the standard traffic jacket are retained in this garment whilst studded side vents provide the preferred fit for the wearer.

- 100% Polyester, 300D Oxford Weave with a stain resistant finish, PU Coated 190g
- 100% Polyester, 60g
- 100% Polyester 170g
- Yellow XS-XL



Internal chest pocket



Fleece lined collar

Pack away hood

Inner ribbed cuffs

S360

Print access



## Uncompromising Insulated Protection

Pack away detachable hood

NEW

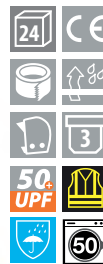


LW70

**LW70**

## Ladies Hi-Vis Breathable Jacket

EN ISO 20471 CLASS 3  
RIS-3279-TOM ISSUE 1 (ORANGE ONLY)  
EN 343 CLASS 3:3



An extremely stylish ladies classic hi-vis jacket. The contemporary silhouette together with the angled reflective tape ensures an attractive flattering fit. The breathable, durable oxford fabric, curved back hem, detachable hood and secure zipped pockets makes it suitable for a multiple of working environments.

- 100% Polyester, 300D Oxford Weave, PU Coated, Breathable, Stain-Resistant Finish, 190g
- 100% Polyester Mesh, 60g
- Orange, Yellow XS-XXL

Hook and loop adjustable cuffs



## Best Selling Ladies Hi-Vis



**HiVisTex™ PRO**

HiVisTex Pro reflective tape



**LW72**

**Ladies Pro Polo Shirt**

EN ISO 20471 CLASS 2  
RIS-3279-TOM ISSUE 1 (ORANGE ONLY)



This contemporary ladies polo shirt, combines breathable Cotton Comfort fabric with HiVisTex Pro tape. This garment offers outstanding freedom of movement while holding a feminine fit.



55% Cotton, 45% Polyester, Knit, 175g  
Orange, Yellow XS-XXL



LW72



Back pocket

Side elastic waist



Reflective piping

Internal kneepad pockets

**LW71**

**Ladies Hi-Vis Trousers**

EN ISO 20471 CLASS 2  
RIS-3279-TOM ISSUE 1 (ORANGE ONLY)



A premium hi-vis trouser designed and cut specifically for women to give a flattering fit. Features include side waist elastication for extra freedom of movement and an excellent combination of thigh and back pockets for secure storage. Durable Kingsmill fabric and Texpel stain resistant finish ensures that garment stays looking new for longer.

Kingsmill 65% Cotton, 35% polyester, 245g  
Orange, Yellow XS-XXL  
Adjustable: 76cm inside leg extending to 81cm



LW71

Adjustable leg length

**Genuine Ladies Fit for Extra Safety**

## LADIES JACKET

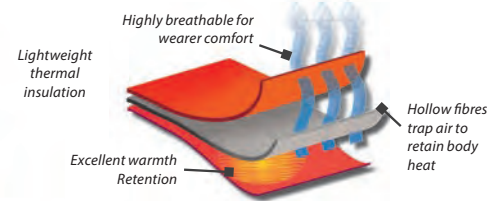


NEW

**INSULATEX™**

**PADDED**

**Thermal Insulation**



### S545 Aspen Ladies Jacket

- Packed with lightweight InsulateX thermal insulation, the Aspen ladies jacket provides a flattering fit and offers an ultrasoft, water resistant solution for outdoor wear. The unique fabric technology locks in the body's warmth to create a thermal barrier for optimum wearer comfort.
- 

- 100% Nylon, 40g
- 100% Nylon, 55g
- InsulateX Lining, 300g
- Black, Navy XS-XXL

Print access

Elasticated cuffs

**Lightweight**



**3x1**

## 3 Ways to Wear

### S571 Elgin 3 in 1 Ladies Jacket

EN 343 CLASS 3:1

- 
- 
- 
- 
- 
- 
- 

A classic jacket with good fit to streamline and reduce the bulkiness women often feel in a four-season jacket. The longer line back panel and discreet waist adjustment make this a contemporary silhouette and give a flattering smooth front jacket.

- 100% Polyester, Peach PVC Coated, 230g
- Inner Garment: 100% Polyester Fleece 260g
- 100% Polyester 60g
- Navy XS-XXL, Black S-XXL

Contrast colour stitching



**Fleece can be worn as a separate garment**



Multiple storage pockets

Pack away hood

Hook and loop adjustable cuffs

# 2 Layer Bonded Softshell Jacket

**Technik™**  
BREATHABLE SOFTSHELL



Chin guard

Water resistant zips

Drawcord adjustable hem

Rubber cuff strap and hook & loop fastening



**TK41** Charlotte Ladies Softshell (2L)

24

A softshell jacket cut for women. Ideal for all occasions with its windproofing capability, this is a more stylish alternative to a traditional fleece. The design is flattering and the features, such as the internal chin guard, water-resistant zip security pockets and adjustable drawcord hem, are extremely practical.

6

6

94% Polyester, 6% Elastane, with 100% Polyester Micro Polar Fleece Softshell Total weight: 320g  
Navy S-XXL  
Black XS-XXL



TK41

Contemporary Fit, Stylish Design

LW97

289

NEW  
COLOUR

NEW  
COLOUR



Zipped  
pockets

Drawcord  
adjustable hem

**F282 Aran Ladies Fleece**

EN 14058 CLASS 1

18

The Aran Ladies Fleece provides a stylish and flattering fit. Made from a soft lightweight polyester, with an anti pill finish, comfort and durability is guaranteed. It is the perfect addition to any workwear wardrobe.

4



100% Polyester, Anti-Pill finish Fleece, 280g  
Black, Navy, Red XS-XXL



**B209 Naples Ladies Polo Shirt**

48

Beautifully fitted and ideal for personalisation, this essential ladies style will meet all your workwear needs.

50  
UPF

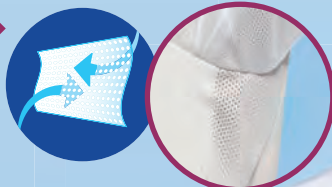
65% Polyester, 35% Cotton 210g  
Red, Royal, Sky Blue, White, Black,  
Bottle Green, Navy, Pink

Red	XS - XXL
Royal	XS - XXL
Sky Blue	XS - XXL
White	XS - XXL
Black	XS - XXL
Bottle Green	XS - XXL
Navy	XS - XXL
Pink	XS - XXL



COLOUR OPTIONS

Underarm Mesh Gusset



**C837 Rachel Ladies Chefs Jacket**



Specifically designed for women, this jacket retains comfort and functionality whilst providing a flattering fit. Clever features include side vents, cuff vents and MeshAir aerated mesh underarms. The style offers a contemporary fit using shaped panels, a reversible front with 4 rows of detachable poppers and a handy sleeve pocket.

Kingsmill 65% Polyester, 35% Cotton 190g

X White XS-XXL  
 Y Black XS-XXL



Back patch pocket

Half elasticated waist



**NEW**

Sleeve pocket

S899

272

C837

Side vents

French cuffs

**Feminine Fit**

**NEW**

**C071 Rachel Ladies Chefs Trousers**

24

3



This trouser style provides a comfortable and functional choice for women. A half-elasticated back ensures a snug fit and ease of movement with a button and zipped fly for secure fastening. Useful features on this contemporary style include side pockets and a rear patch pocket.

Kingsmill 65% Polyester, 35% Cotton 190g  
 X Black S-XXL



C837

C071

# Look Smart and Professional



LW20



3XL  
XS

## LW20 Classic Tunic



This style has been updated with modern design features and a flattering fit. The comfort of this garment is further enhanced with the action back design.



**Kingsmill 65% Polyester, 35% Cotton 210g**  
**Black, Lilac XS-XXL**  
**Navy, White, Hospital Blue XS-3XL**

 **KINGSMILL** 210

Men's Healthcare Tunic also available



C820 243



# Darts for additional shaping

**LW12**

## Ladies Premier Tunic

This smart style is available in 4 modern colours and comprises many versatile features. The clever action back design allows the freedom of movement essential for active jobs. Classic styling ensures suitability for many end uses



**Kingsmill 65% Polyester, 35% Cotton 210g**

**Black, Navy, White XS-3XL Lilac S-XXL**



**LW12**

## Ideal for the Active Work Place



**LW13 Modern Tunic**



Stylish and chic, this ladies tunic is ideal for the active work place. Handy features include a concealed scissor pocket and pocket key loop. The poly/cotton fabric will maintain its fresh look wash after wash.

**Kingsmill 65% Polyester, 35% Cotton 210g**

**Hospital Blue, Navy, White S-XXL**



**LW13**

Action back

Darts for additional shaping

Concealed zip opening

Pen division

**LW15** *Wrap Tunic*


24

2

50+ UPF

This stylish tunic is an essential style in our ladies range. Suitable for many end uses, features include flattering darts, spacious side pockets, a concealed stud closure and contrast piping.

 **Kingsmill 65% Polyester, 35% Cotton 210g**

 **Black, White, Black/ Jade XS-XXL**



**Vibrant and Stylish in a Range of Modern Colours**

**LW16** *Ladies Striped Tunic*

24

4

50+ UPF

Made from high quality, woven stripe fabric this tunic is stylish yet extremely comfortable. The action back provides freedom of movement while the darts give the garment a flattering fit. Ideal for embroidery and as part of a uniform, the neutral colours make this garment the perfect choice for a variety of work places.

**LW16**

 **Kingsmill 65% Polyester, 35% Cotton 210g**

 **Aqua, Grey S-XXL**



Front zip opening



LADIES COAT



**LW56** Princess Line Coat

24

A traditional stud front coat with a tailored fit that provides comfort all day long. Features include two lower front pockets, a stud front fastening and stud adjustable cuffs.

2

50 UPF

 Kingsmill 65% Polyester, 35% Cotton 210g

 White XS-XXL



**LW63** Standard Ladies Coat

24

Stylish and practical, this Standard Ladies Coat with concealed stud front offers maximum comfort all day. Aimed at a wide variety of work environments, features include one chest pocket, two side pockets and darts to complete the fitted, tailored look.

3

50 UPF

 Kingsmill 65% Polyester, 35% Cotton 210g

 White XXS-XXL

**XXL**  
**XXS**



LADIES FOOD COAT

**FORTIS+**  
PLUS  
190



Internal chest pocket

**2205** Ladies Food Coat, One Pocket

24

Perfect for the food industry, this coat offers a practical option for women. The coat features a concealed stud front and an internal chest pocket. The 2205 is designed with bust darts to help tailor this to a ladies fit.

1

 Fortis Plus 65% Polyester, 35% Cotton 190g

 White XS-3XL

**3XL**  
**XS**

## LADIES TROUSER



**11 pockets  
for ample  
storage**

### S687 Ladies Action Trousers



These trousers are tailored specifically to the female form and have an array of practical features including multiple zip pockets.

**50+ UPF** Kingsmill 65% Polyester, 35% Cotton 210g  
 Reg: Black XS-3XL, Dark Navy XS-XXL  
 Tall: Black, Dark Navy S-XXL



### C099 Ladies Combat Trousers



Comfortable and stylish, with a back elasticated waist for extra freedom of movement, this garment features two side pockets and a combination thigh and mobile phone pocket.

**50+ UPF** Kingsmill 65% Polyester, 35% Cotton 210g  
 Reg: Black, Navy XS-3XL  
 Tall: Black, Navy S-XL





Hook and bar closure

## Classic and Appealing Designs



Sewn in front centre seam

### LW30 Ladies Magda Trouser

24

4

50+ UPF

The Magda trousers are tailored specifically for women and offer a slim fit shape. Constructed from a hard wearing poly/cotton mix fabric, which delivers a durable trouser for the workplace. Features include hook and bar fastening, side pockets, rear jetted buttoned pockets and bar-tacks at all stress points.

 Kingsmill 65% Polyester, 35% Cotton 245g  
 Black, Dark Navy XS-3XL



### LW97 Ladies Elasticated Trouser

24

2

50+ UPF

Constructed with our hardwearing Kingsmill fabric, the back elasticated waist allows unrestricted movement throughout your working day. The sewn in crease gives the garment a smart, sharp, tailored look.

 Kingsmill 65% Polyester, 35% Cotton 210g  
 Black, Navy, White



	Reg	Tall
Black	XS - 4XL	S - XL
Navy	XS - 4XL	S - XL
White	XS - XXL	





9/43  
3/36



S1P

**FW39 Steelite Ladies Safety Trainer**

**S1P HRO**  
EN ISO 20345:2011  
ASTM F2413-11



Low cut trainer style with full S1P protection. EVA/Rubber outsole for extra comfort and stability.

Black/Blue, Black/Pink  
Euro 36-43, UK 3-9, US 4-10  
Split Leather  
EVA/Rubber - Outsole F15



S1P

**FW38 Steelite Ladies Safety Boot**

**S1P HRO**  
EN ISO 20345:2011

This style allows you to work confidently in any environment without sacrificing comfort. Steel toe cap and midsole with 300°C heat resistant and oil resistant outsole to prevent slips and trips.



Black Euro 36-42,  
UK 3-8, US 4-9  
Split Leather  
EVA/Rubber - Outsole F15



S1



**FW41 Steelite Ladies Safety Shoe**

**S1**  
EN ISO 20345:2011



This ladies shoe offers S1 protection and ensures maximum comfort for the wearer even when worn for long durations.

-  **Black Euro 36-42, UK 3-8, US 4-9**
-  **Split Leather**
-  **PU/PU- Outsole F41**



 **IMPROVED**

S1



**FW49 Steelite Ladies Court Shoe**

**S1**  
EN ISO 20345:2011



Manufactured from Full Grain Leather with a protective steel toecap for 200 joule protection and a lightweight PU outsole.

-  **Black Euro 36-42, UK 3-8, US 4-9**
-  **Full-Grain Leather**
-  **PU - Outsole F27**



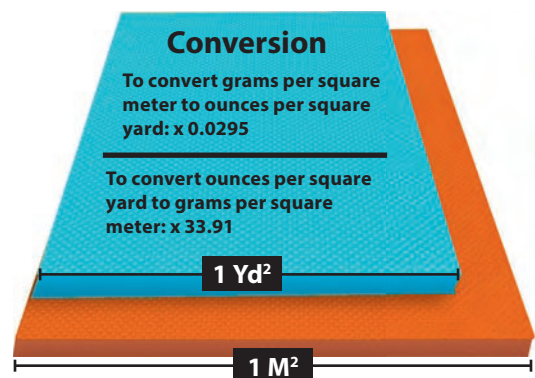


# RAINWEAR RANGE

The following Rainwear collections offer an outstanding choice of designs and colours, suitable for many end users. The best quality fabrics and high technology construction techniques are used throughout, guaranteeing the ultimate in all-weather protection. Tested to withstand the rigours of everyday wear, each garment has been designed and manufactured with care, to ensure total satisfaction wear after wear.

## 108 *Styles*

- PWR RAINWEAR™
- SEALTEX™
- CLASSIC RAINWEAR
- PADDED RAINWEAR
- SECURITY RAINWEAR
- 3-IN-1 RAINWEAR
- BODYWARMERS
- SOFTSHELL
- FLEECE
- COLDSTORE
- RAINWEAR ACCESSORIES



# 5 Industry Leading Rainwear Ranges



The Sealtex range of fabrics are constructed using high technology coated fabrics on a flexible highly tear resistant 100% polyester tricot knit. The welded seams used on all Sealtex garments ensure rain and wind are locked out and the durable, stretchy fabric can easily be wiped clean so Sealtex garments look good and last for longer.



This is a PU coated fabric on a 200g polyester tricot knit. Sealtex Classic fabric is consistently rated among the highest performing waterproof fabrics in the industry.



This fabric uses a highly breathable PU coating on a 180g polyester tricot knit resulting in exceptional levels of waterproof and windproof protection with the added comfort of breathability.



Constructed using a 310g blend of 95% PVC, 5% PU on a polyester tricot knit backing. Sealtex Ocean is proven to be highly waterproof in the most challenging of wet conditions.



When functionality, added visibility and waterproof protection is required, look no further than the Iona™ Lite Range. These garments are certified to the highest waterproof standard, EN343 (Class 3), and are seam taped to ensure total protection against the rain.



The Ripstop Range is constructed using a highly innovative 100% polyester, PVC coated ripstop fabric. The polyester fabric combined with the Ripstop pattern provides an extremely strong yarn which is highly durable and tear resistant. The tough outer shell guarantees outstanding waterproof protection at all times.



Technical and innovative, the Technik™ rainwear range is engineered for maximum waterproof, windproof and breathable performance. Designed to be worn in adverse weather conditions, the range incorporates clever styling with shaped panels for a comfortable and generous fit. The sophistication of Technik provides a 100% waterproof garment of unequalled strength, at the same time retaining exceptional suppleness.



The PORTWEST PWR™ collection is constructed from state-of-the-art high performance waterproof and breathable textiles. Using innovative technology, the base fabric has been engineered to provide a technical barrier against the elements. This provides the maximum waterproof, breathable and windproof protection, which far exceed the current highest requirements.



The PORTWEST PWR™ collection is constructed from state-of-the-art high performance waterproof and breathable textiles. Using innovative technology, the base fabric has been engineered to provide a technical barrier against the elements. This provides the maximum waterproof, breathable and windproof protection, which far exceed the current highest requirements.

TEXPEL™  
SPLASH

3x1

Pack away hood  
Fleece lined collar  
Storm flap front  
Concealed mobile phone pocket

Hood with peak and drawstrings

NEW



**WATERPROOF**  
over 10,000mm

**EXTREME WATERPROOFNESS**

PWR achieves over 10,000mm Hydrostatic head, equivalent to over 10 metres of water column. (EN 20811:1992, ISO 811:1981 Determination of resistance to water penetration. Hydrostatic pressure test).

**S553 Radial 3 in 1 Jacket**

EN 343 CLASS 3:3



Ideal for modern corporate use, this contemporary cut jacket has a sporty fit and is totally waterproof, windproof and breathable. The dual-fabric outer shell has Oxford reinforced panels for additional durability. Water resistant zippers give a sophisticated, low profile finish. The inner fleece jacket provides insulation in colder conditions or can be zipped out to be worn as a standalone fleece. The ultimate in quality, style and function combined.

- 100% Polyester, Peach Finish 130g
- 100% Polyester, PU coated 190g
- Upper Body: 100% Polyester Mesh, 65gm, Lower Body & Sleeve: 100% Polyester 190T Taffeta, 60gm
- Black S-3XL

Hook and loop adjustable cuffs

Zipped pockets

Print access

S553



*Fleece can be worn as a separate garment*





- 1 DURABLE WATER REPELLENT TREATED OUTER FABRIC
- 2 WATERPROOF AND BREATHABLE COATING OR MEMBRANE
- 3 BREATHABLE INNER FABRIC OR LINING

## BREATHABILITY

over 15,000g/m<sup>2</sup>/24hrs

### WORK HARD IN COMFORT

The higher the g/m<sup>2</sup>/24 hours the more breathable the fabric is. (JIS L1099:2012 Method B1 Water vapour permeability). PWR achieves the highest rated breathability levels.

### S555 Outcoach Jacket

EN 343 CLASS 3:3



This high performance jacket offers maximum waterproof, windproof and breathable protection for year round performance. Using a highly durable outer fabric, with an air permeable mesh lining, this jacket ensures total comfort in foul conditions. High specification features, such as water resistant zippers, ergonomic cut, engineered storm hood and multiple pockets provide superb function. A sporty fit and low profile design ensure this is the jacket of choice for demanding conditions.

- 100% Polyester, PU coated, 190g
- 100% Polyester Mesh 65g
- Body Lining: 100% Polyester Mesh, 65g Sleeve: 100% Polyester, 190T Taffeta, 60g
- Black S-3XL

Concealed mobile phone pocket

Hood with peak and drawstrings

Storm flap front



Zipped pockets

Print access

Hook and loop adjustable cuffs

## PWR

# 10,000mm

**EXCEPTIONAL WATERPROOF PERFORMANCE**

---

NORMAL WATERPROOF

S553 / S555

## PWR

# 15,000g/m<sup>2</sup> /24hrs

**EXCEPTIONAL BREATHABLE PERFORMANCE**

---

NORMAL BREATHABLE

S553 / S555

# SEALTEX™ CLASSIC

## High Technology, Flexible PU Fabric

### SEALTEX™ CLASSIC

#### S450 Sealtext Classic Jacket EN 343 CLASS 3:1



The clever styling, exceptional water resistance and affordable price make this garment a great value waterproof jacket. The tough fabric and welded seams are combined with a generous fit for wearer comfort. It offers storage space for your personal and work belongings and the zip fastened studded storm flap keeps out all the elements the weather may throw at you.

**Sealtext Classic 200g**  
 X Navy, Olive Green, Black  
 Y Yellow

**5XL**

	Reg
Black	S - XXL
Olive Green	S - 3XL
Navy	S - 5XL
Yellow	S - 3XL

**TEXPEL™**  
SPLASH

Available in 4  
Colours

Stud-adjustable cuffs



Pack away hood

Eyelets and back vent

Concealed stud and zip fastening

## Fabric Information

Sealtex Classic is a high technology, PU coated fabric, on a flexible, highly resistant 100% Polyester tricot knit, 200g. Sealtex Classic fabric is tested regularly to ensure it meets and exceeds EN343 waterproof standards. Independent test houses carry out hydrolysis and hydrostatic testing. Sealtex Classic consistently achieves top results in these tests.

## Garment Benefits

This exclusive range is guaranteed to keep the wearer dry in the most adverse conditions. The welded seams ensure rain and wind are locked out and the durable, stretchy fabric can easily be wiped clean, allowing Sealtex garments to look good and last for longer.

## Welded Seams for Maximum Waterproofness

Fully elasticated waistband



Stud adjustable hems



### S451 Sealtex Classic Trousers

EN 343 CLASS 3:1



These lightweight, extremely waterproof over-trousers offer exceptional value and should form part of every outdoor workers' wardrobe. The elasticated waist allows you to move and stretch without restriction and the stud-adjustable hem maintains a secure fit around the top of working boots.



Sealtex Classic 200g  
 Navy, Black, Olive Green  
 Yellow



## Tear Resistant, Anti Fungal

	Reg
Black	S - XXL
Olive Green	S - 3XL
Navy	S - 5XL
Yellow	S - 3XL

Available in  
4 Colours

Best Seller - Special Anti-Bacterial Finish



# SEALTEX™ CLASSIC



Welded waterproof seams



Stud adjustable hems

**IONA**

## F450 Iona Sealtex Classic Jacket

EN 343 CLASS 3:1



This very popular style offers total waterproof protection and increased visibility. This style offers large storage pockets, storm flap and concealed hood. The high visibility tape ensures enhanced visibility for the wearer in low light conditions.

 Sealtex Classic 200g  
 Navy 5-XXL

**TEXPEL™**  
SPLASH

## S453 Sealtex Classic Bib & Brace

EN 343 CLASS 3:1



Lightweight and practical, the Sealtex Bib & Brace has been designed to fit comfortably over work clothes. Welded seams ensure wind and rain are locked out, providing full protection against harsh elements.

 Sealtex Classic 200g  
 Navy, Olive Green M-XXL

**TEXPEL™**  
SPLASH

HA10 349



**S452 Sealtek Classic Coverall**

EN 343 CLASS 3:1



Complete waterproof protection at an affordable price. The zip front fastening means the coverall is easy to put on and to take off, and the studded storm flap prevents water from penetrating. Features include side access pockets and a drawcord hood that can be rolled up into the inner collar.

**Sealtex Classic 200g**  
 Navy S-3XL  
 Yellow M-3XL



**Stretchy PU Coated Fabric with Welded Seams**



# SEALTEX™ AIR

## Fabric Information

Constructed from a highly breathable, high technology, PU coated fabric, on a flexible 100% polyester tricot knit, 180g.

## Garment Benefits

Sealtex AIR incorporates exceptional levels of waterproof, windproof and breathable properties. The high frequency welded seams guarantee full protection against adverse weather conditions whilst the durable, supple and lightweight fabric ensures maximum comfort and ease of movement.



Pack away hood

Eyelets and back vent

Concealed stud and zip fastening

Stud-adjustable cuffs

**S351**

## Sealtex AIR Trousers

EN 343 CLASS 3:2



A garment of exceptional quality, the Sealtex AIR trouser is made from a unique lightweight material which offers an unrivalled mixture of breathability, waterproof and windproof protection.

Sealtex Air 180g  
Navy, Olive Green S-3XL



Fully elasticated waistband



Stud adjustable hems



## S350 Sealtex AIR Jacket

EN 343 CLASS 3:2



The clever styling, exceptional water resistance and breathable properties make this garment a great value waterproof jacket. The tough fabric and welded seams are combined with a generous fit for wearer comfort.

Sealtex Air 180g  
Navy, Olive Green S-3XL



**Lighter,  
Breathable  
and More  
Flexible**



### Fabric Information

Constructed using 95% PVC, 5% PU, 310g. Sealtext Ocean is very soft and extremely flexible. It does not have the rigid stiffness usually associated with PVC blend fabric. This fabric is tested and proven to be highly water resistant. It has an additional tricot knitted backing for maximum wearer comfort.

### Garment Benefits

The superior quality of these garments provides a robust, high calibre range that caters to our customers requirements, whilst also maintaining unbeatable value. Additionally, high frequency welding ensures all seams are waterproof in extreme wet weather conditions.



Hood with peak and drawstrings

Heavy duty plastic zip and full hook and loop fastening

Welded waterproof seams

Stud-adjustable cuffs

### S251 Sealtex Ocean Trousers

EN 343 CLASS 3:1



This classic style trouser uses high performing Sealtex Ocean fabric and provides the wearer with complete foul weather protection. The garment has a fully elasticated waist so it can be fitted easily over trousers, stud adjustable hems and high frequency welded seams.

Sealtex Ocean 310g Navy, Yellow S-XXL



Fully elasticated waistband



Stud adjustable hems

### S250 Sealtex Ocean Jacket

EN 343 CLASS 3:1



The Sealtex Ocean Jacket offers unrivalled foul weather protection and wearer comfort. Hardwearing, functional and packed full of features including hood with peak and drawstrings, storm flap with a concealed heavy duty plastic zip and full strip of hook and loop fastening, high frequency welded seams, adjustable outer cuff and an elasticated inner cuff.

Sealtex Ocean 310g Navy, Yellow S-XXL



Robust Protection, Unbeatable Value



# Industry Bestsellers with Guaranteed Performance

## S440 Classic Rain Jacket

EN 343 CLASS 3:1



Designed to be worn in foul weather conditions, the Classic Rain Jacket is not only practical and durable, it offers exceptional value for money. Easily rolled up and stored for when the wet weather arrives. Available in a wide range of colours, wearer satisfaction is guaranteed.



100% Polyester, PVC Coated 210g  
 Grey, Olive Green, Black, Navy  
 Orange, Yellow



	Reg
Olive Green	S - 4XL
Orange	S - 3XL
Black	XS - 4XL
Grey	S - 3XL
Navy	XS - 5XL
Yellow	S - 4XL



Also available in a Coat option.

Pack away hood



Taped seams

Eyelets and back vent



## Garment Benefits

Designed to be worn in foul weather conditions, the Classic rainwear range is not only practical and durable, it offers exceptional value for money. Clever styling and taped seams guarantee maximum comfort and protection.

# Affordable and Practical Rainwear Solutions



### S441 Classic Adult Rain Trousers

EN 343 CLASS 3:1



Lightweight and easily packable for convenience, these trousers provide comfort and protection in any weather. The fit is roomy for easy layering on top of trousers, with the added benefit of side access pockets. The stud adjustable hem ensures a secure fit around work boots. Unbeatable value for money.

100% Polyester, PVC Coated 210g

X Grey, Olive Green, Black, Navy

Y Orange, Yellow



Stud adjustable hems

	Reg
Olive Green	S - 4XL
Orange	S - 3XL
Black	XS - 4XL
Grey	S - 3XL
Navy	XS - 5XL
Yellow	S - 4XL



# Powerful Protection Against Wind and Rain



**F440 Classic Iona Rain Jacket**  
EN 343 CLASS 3:1



Lightweight and practical the Classic Iona Rain Jacket offers waterproof protection and increased visibility. Features include pack-away hood, adjustable drawcord hem, large storage pockets and vented back yoke and eyelets for ventilation.

100% Polyester, PVC Coated 210g  
Navy S-3XL



**F441 Classic Iona Rain Trousers**  
EN 343 CLASS 3:1



The Classic Iona Rain Trousers offers added visibility in dull conditions. Features include elasticated waist, side access pockets, and stud adjustable hem for a secure fit.

100% Polyester, PVC Coated 210g  
Navy S-3XL



Taped seams

Pack away hood

Eyelets and back vent

Multiple storage pockets

**Longer coat length 120cms**

### S438 Classic Adult Rain Coat

EN 343 CLASS 3:1



The Classic Rain Coat offers outstanding waterproof protection. Its longer length gives added coverage for the wearer. Features include generous pockets, a packaway hood with eyelets and a back vent for ventilation.



100% Polyester, PVC Coated 210g

Navy S-4XL

Yellow S-3XL



## Junior Rainwear



### JN11 Classic Junior Rain Jacket

EN 343 CLASS 3:1



100% Polyester, 190T, PVC coated 210g  
Navy 5/6, 9/10



### JN12 Classic Junior Rain Trousers

EN 343 CLASS 3:1



100% Polyester, 190T, PVC coated 210g  
Navy 5/6-13/14



# Great Value Two Piece Rain Suit

**NEW**



*Ideal for Retail*

L440



L440



**Sold Together**

**L440 Essentials Rainsuit (2 Piece Suit)**

EN 343 CLASS 3:1



The Essentials Rain Suit offers value, practicality and durability in one set. The lightweight two piece suit can be conveniently packed away, easily rolling up to be stored for wet weather use. Available in a retail pack, perfect for instore displays.

100% Polyester, 190T, PVC coated 190g  
Navy S-3XL



# Superb Foul Weather Protection

## S430 Perth Stormbeater Jacket

EN 343 CLASS 3:1



A classically styled waterproof jacket that is great value and will withstand hard use. Packed with all the features you would expect to find in a practical, hardwearing outdoor jacket, it includes two large bellow pockets for tools and other items you need to hand and a corduroy collar with hood to keep the rain and wind out.

- 100% Polyester, PVC Coated 210g
- Body: 100% Cotton Tartan, 130g
- Sleeves: 100% Polyester 60g
- Body: 100% Polyester Filling 200g
- Sleeves: 100% Polyester Filling 100g
- Navy S-4XL

**4XL**



## Technically Advanced Rainwear Styles



### T900 Replaceable Zip Pullers

x20  
100

Compatible with most zips, the Replaceable Zip Pullers are a practical accessory for any jacket. Available in a wide range of colours allowing for easy integration of corporate colours on garments.

- Thermoplastic Rubber, Polypropylene
- Lime, Orange, Red, Royal, Yellow One Size



### HV09 LED Zip Pullers

200  
50

ROHS  
Versatile and lightweight LED Zip Pullers to improve safety in low light conditions. They can be looped onto your jacket, backpack or shoes. With two settings, steady on and flash, the LED Zip Pullers will keep you seen.



- ABS
- Hi-Vis Yellow One Size

Sold In Pairs



# Fantastic Heat Retention

Pack away hood

Phone pocket

Black

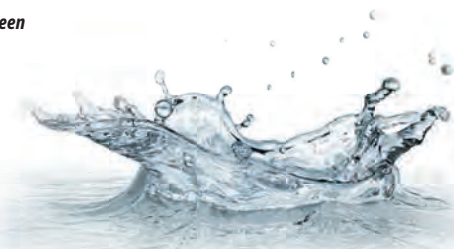
Navy

Forest Green

Hook and loop adjustable cuffs

Navy/Royal

Print access



## SS23 Oban Fleece Lined Jacket

EN 343 CLASS 3:1



When tested against other competitors, this garment came out on top for waterproof protection, comfort, warmth and overall quality. The print access makes the jacket extremely popular for embroidering or personalisation. The generous fit, secure pockets, adjustable Hook & Loop cuffs and close attention to detail come as standard.

100% Polyester Pongee PVC Coated 230g  
 Upper Body: 100% Polyester Fleece 280g  
 Lower Body & Sleeves: 100% Polyester 60g  
 Lower Body: 100% Polyester Filling 200g  
 Sleeves: 100% Polyester Filling, 100g  
 Navy/Royal, Forest Green, Navy, Black

	Reg
Navy/Royal	S - 3XL
Forest Green	S - XL
Navy	XS - 3XL
Black	S - XXL



**PADDED**

# Trusted Worldwide to give the Highest Levels of Protection

## S521 Dundee Lined Jacket

EN 343 CLASS 3:1



Fully lined, this classic waterproof jacket offers pure luxury at an affordable price. The garment traps in heat and keeps the wearer extra warm in colder conditions. Multiple pockets provide ample space for all storage needs.



- 100% Polyester Pongee PVC Coated 230g
- Body: 100% Cotton Tartan 130g
- Sleeves: 100% Polyester 60g
- Body: 100% Polyester Filling 200g
- Sleeves: 100% Polyester Filling 100g
- Navy S-3XL



Brushed cotton tartan lining

Handwarmer pockets

Radio loop

**PADDED**

## S533 Falkirk Bomber Jacket

EN 343 CLASS 3:1



Highly water-resistant, this versatile bomber jacket provides a solid barrier against rain and wind. Lined from waist to neck with 100g, quilt wadding to trap the heat and keep you warm.

- 100% Polyester Pongee PVC Coated 230g
- 100% Polyester 60g
- 100% Polyester 100g
- Black, Navy S-4XL



Print access

Zipped pockets

Elasticated cuffs





# Extreme Cold Weather Protection to -40°C

## S437 Corporate Traffic Jacket

EN 343 CLASS 3:1  
EN342: 0.503M<sup>2</sup> K/W (B), X, 3, 2



Designed to be worn in foul weather conditions, the corporate traffic jacket offers excellent waterproof protection, comfort and warmth at a great price. Key features include a drawstring pack-away hood, a studded storm flap to lock out wind and rain, multiple pockets for ample storage and print access for corporate branding.

- 100% Polyester, 300D Oxford Weave with a stain resistant finish, PU Coated 190g
- 100% Polyester 60g
- 100% Polyester 170g
- Navy S-3XL



Phone pocket

Storm flap front

Taped seams

Pack away hood

Inner ribbed cuffs

Print access

Multiple storage pockets



Fleece lined collar  
Pack away hood



Hook and loop adjustable cuffs

Print access

## S573 Angus Lined Jacket

EN 343 CLASS 3:1



This style is a modern take on a classic jacket. The liner material gives a soft handle and warmth, whilst features such as the two covered front zipped pockets, print branding access and fleece lined collar provide top functionality.

- 100% Polyester, Peach PVC Coated 230g
- Sleeves: 100% Polyester 60g
- Upper Body: 100% Polyester Fleece 280g
- Lower Lining: 100% Polyester 60g
- Sleeves: 100% Polyester Filling 100g
- Lower Body: 100% Polyester Filling 200g
- Navy S-XXL





LINED

# Contemporary Styling - Ideal for Corporate Branding



Fleece lined collar

Zipped  
pockets

Print access

Hook and loop  
adjustable cuffs

## 5538 Moray Bomber Jacket

EN 343 CLASS 3:1



A soft fleece lining, weather resistant shell and simple, straightforward styling combine to make this jacket an all time favourite. Improvements to the jacket include a soft microfibre peach finish for a luxurious feel. Print access allows for the jacket to be embroidered or personalised.



100% Polyester Micro-fibre, Peach Finish, PU Coated 135g  
Body: 100% Polyester Fleece 280g  
Sleeves: 100% Polyester 60g  
Sleeve: 100% Polyester Filling 100g  
Navy XS-4XL Black, Royal S-3XL

## Best for Quality and Value

	Reg
Royal	S - 3XL
Navy	XS - 4XL
Black	S - 3XL



PADDED



**S534 Security Jacket**

EN 343 CLASS 3:1



This Security jacket is ideal for anyone looking for a warm, waterproof work jacket that is designed to last. Special detailing like the ribbed storm cuff, back collar and epaulettes give this jacket a distinguished yet classic look.

- 100% Oxford Nylon, PU Coated 130g
- 100% Polyester 60g
- 100% Polyester 120g
- Black S-XXL



# Secure Peace of Mind

**S535 Pilot Jacket**

PADDED



This classically styled Pilot Jacket is perfect for casual wear with jeans or work trousers. The heavyweight lining traps in heat and the nylon showerproof shell helps keep you dry. The rugged brass zips and stud closing pockets complete the authentic look.

- 100% Nylon, PA Coated 115g
- 100% Nylon 75g
- 100% Polyester 245g
- Black S-4XL



**Products Suitable for the Security Industry:**



**B310** 354

**C701** 240

**FW26** 392



**S570**

**Aviemoore 3 in 1 Mens Jacket**  
EN 343 CLASS 3:1



Fantastic value waterproof jacket which combine function and good taste. The quality finish and close attention to detail are apparent throughout. Complete with two covered zip pockets, full front zip, storm flap and a detachable fleece liner.

100% Polyester, Peach  
PVC Coated 230g

Inner Garment:

100% Polyester Fleece 260g

100% Polyester 60g

Black, Navy, Red, Yellow S-3XL



	Reg
Red	S - 3XL
Black	S - 3XL
Yellow	S - 3XL
Navy	S - 3XL

*Fleece can be worn as a separate garment*



***This 3 in 1 style offers full protection from the elements***



Phone pocket

Pack away hood

Multiple storage pockets

Hook and loop adjustable cuffs

Print access

# 3 Ways to Wear Breathable Class 3:2



Chin guard

Multiple storage pockets

Pack away hood

Hook and loop adjustable cuffs

Print access



S532

**Fleece can be worn as a separate garment**

## S532 Orkney 3 in 1 Breathable Jacket

EN 343 CLASS 3:2



Stylish, innovative and versatile, this 3-in-1 jacket is a best seller. The waterproof, breathable nylon shell is designed to protect outdoor workers in all industries against driving rain, wind and cold. It can be detached from the zip-out fleece and worn by itself, while the 280g fleece is a great choice on its own when the conditions are cool but dry.

- 100% Nylon Ottoman, Breathable, PU Coated 170g
- Shoulder/Sleeve: 100% Nylon Ottoman, Breathable, PU Coated 160g
- Inner Garment: 100% Polyester Fleece 280g
- Upper Body: 100% Polyester Mesh 60g
- Lower Body/Sleeve: 100% Polyester 60g
- Grey/Black, Navy/Black S-4XL
- Red/Black S-3XL

**4XL**

**TEXPEL™**  
SPLASH

3x1

NEW COLOUR

Concealed detachable hood

Zip out sleeves

Luxurious Fur Lining can be Detached

# 3 Ways to Wear



1. With Fur Lining



2. Without Fur Lining



3. Bodywarmer



Knitted cuffs and hem

Detachable lining

Multiple storage pockets

## F465 3-in-1 Bomber Jacket

EN 343 CLASS 3:1



100% Polyester, 300D Oxford Weave with a stain resistant finish, PU Coated 190g  
Inner Garment: 100% Polyester Fur Lining 365g  
Body/Sleeve: 100% Polyester 60g  
Sleeve: 100% Polyester Filling 120g  
Black, Navy S-3XL



# Technik™

BREATHABLE RAINWEAR

3x1



## Garment Benefits

The Portwest range of Technik jackets offer maximum waterproof, windproof and breathable performance. Classic styling combined with a contemporary fit and print access make these jackets the perfect choice for corporate or leisure wear. Fleece linings and detachable garments ensure the wearer is comfortable and warm in cold weather conditions.

## 3 Ways to Wear



S507

*Fleece can be worn as a separate garment*



Pack away hood

**NEW**

Phone pocket

Drawcord hood and hem

Print access

Two-way zipper

Hook and loop adjustable cuffs

**S507**

### Argo 3 in 1 Jacket

EN 343 CLASS 3:3



Combining functional details with a modern design, this 3-in-1 jacket provides excellent waterproof, windproof and breathable protection. Adaptable to all seasons, the Argo jacket includes a detachable inner fleece for use in cool but dry conditions. Features include a pack-away hood, print access for personalisation and 7 pockets for ample storage including zipped pockets on both the outer jacket and inner fleece.

100% Polyester, PU coated 135g  
 Body: 100% Polyester Mesh Hood,  
 Lower Body and Sleeves: 100% Polyester Taffetta 190T  
 Black, Navy S-3XL



LINED

## Luxurious Fleece Lining for Added Warmth

### S505 Limax Insulated Jacket

EN 343 CLASS 3:2



100% Polyester, Ripstop, PVC Coated 230g  
Body: 100% Polyester Fleece 260g  
Sleeves: 100% Polyester Taffetta 190T  
Sleeve: 100% Polyester Filling 120g  
Black, Navy S-3XL



Storm flap front

Pack away hood

NEW

Hook and loop adjustable cuffs

S505

Durable Ripstop Fabric



Drawcord hood and hem

Storm flap front

Pack away hood

NEW



S503

Print access

LINED

## Contemporary Fit, Technical Fabrics

### S503 Crux Insulated Bomber

EN 343 CLASS 3:3



100% Polyester Pongee PU coated 100g  
Body: 100% Polyester Fleece 260g  
Sleeves: 100% Polyester Taffetta 190T  
Sleeve: 100% Polyester Filling 120g  
Black, Navy XS-3XL



Hook and loop adjustable cuffs



LINED

Pack away hood

Drawcord hood and hem



Zipped pockets

Hook and loop adjustable cuffs

Print access

S530

**S530 Arbroath Breathable Fleece Lined Jacket**

EN 343 CLASS 3:2



An excellent jacket for leisure or work. A luxury feel microfibre peach finish is twinned with a 280g fleece lining that keeps in heat and feels comfortable to wear. Features include double storm flaps, drawstring hood and waist and lower zip pockets.

- 100% Polyester Micro-fibre, Peach Finish, Breathable, PU Coated 140g
- Body: 100% Polyester Fleece 280g
- Sleeves: 100% Polyester 60g
- Sleeves: 100% Polyester Filling 100g
- Black S-XXL
- Navy XS-5XL



**S536 Ayr Breathable Trousers**

EN 343 CLASS 3:2



Lightweight and packable for convenience, the Ayr Trousers offer comfort and protection in any weather. The garment has a fully elasticated waist so it can be fitted easily over trousers with side access pockets and stud adjustable hems. Taped waterproof seams keep out water.

- 100% Polyester Micro-fibre, Peach Finish, Breathable, PU Coated 140g
- Navy S-3XL



Fully elasticated waistband

Side access



Stud adjustable hems

S536



# RIPSTOP

## Fabric Information

Constructed using a highly innovative 100% polyester, PVC coated ripstop fabric, 250g. The garments are lined with polyester lining and padded with 170g wadding for extra warmth and comfort.

## Garment Benefits

Designed to withstand tough outdoor working conditions - strength, style and comfort are the unique characteristics of the Ripstop rainwear collection. The durable fabric construction is guaranteed to offer the wearer excellent tear resistance and outstanding waterproof protection at all times.

**PADDED**

Pack away hood

Reflective piping

Fleece lined collar

Phone pocket

**S562**

**RS Parka**

EN 343 CLASS 3:1



When compared to competitor jackets, the S562 tested better for fit, function and value for money. The tough outer shell has taped waterproof seams providing outstanding waterproof protection. The 170g wadding keeps warmth trapped in without making the jacket bulky. Features include smart reflective piping to chest and sleeves and multiple pockets for all storage needs.

- 100% Polyester, Ripstop, PVC Coated 250g**
- 100% Polyester 55g**
- 100% Polyester 170g**
- Navy, Navy/Royal S-XXL**  
**Black/Grey XS-3XL**



**Durable  
Ripstop Fabric**



Hook and loop adjustable cuffs

Multiple storage pockets

# RIPSTOP

## Ideal for Tough Environments

PADDED

Fleece lined collar

Pack away hood

Phone pocket

S561

Reflective piping

Multiple storage pockets

Hook and loop adjustable cuffs

### S561 RS Bomber Jacket

EN 343 CLASS 3:1



Rugged contemporary design, complete waterproof protection and outstanding durability make this jacket ideal for tough outdoor working environments. The Bomber Jacket is well padded but surprisingly lightweight, allowing warmth to be trapped in. Features include a storm flap over the front zip and a fleece lined collar and chinguard for extra comfort.

- 100% Polyester, Ripstop, PVC Coated 250g
- 100% Polyester 55g
- 100% Polyester 170g
- Black/Grey, Navy, Navy/Royal S-XXL



**PADDED**

# RIPSTOP

## Excellent Tear Resistance and Waterproof Protection



Concealed detachable hood

Fleece lined collar

Reflective piping

Hook and loop adjustable cuffs

**S563**

**RS Multi-Pocket Parka**

EN 343 CLASS 3:1



The S563 is an excellent, hardwearing jacket. The polyester fabric combined with the ripstop pattern provides an extremely strong yarn with improved tear resistance. Thick wadding and the fleece-lined collar and chinguard keep warmth close to the body. Multiple pockets provide for all storage needs.



100% Polyester, Ripstop, PVC Coated 250g

100% Polyester 55g

100% Polyester 170g

Navy S-XXL

**TEXPEL**  
SPLASH

**PADDED**

## Durable Ripstop Fabric

**S560**

**RS Two-Tone Bodywarmer**

24

This bodywarmer provides complete waterproof protection and outstanding durability making it ideal for tough outdoor working environments. Fully padded for optimum warmth and comfort. Features include a storm flap over the front zip and a fleece lined collar and chinguard for extra comfort.



100% Polyester, Ripstop, PVC Coated 250g

100% Polyester 55g

9

100% Polyester 170g

Black/Grey, Navy/Royal S-XXL

**TEXPEL**  
SPLASH



Fleece lined collar

Reflective piping

Half elasticated waist

# IONA™

3x1

**Detachable Soft Luxurious Fleece**

### Fabric Information

Made with 300 Denier 100% polyester yarn, this is a tough fabric for tough conditions. 300D fabric has superb abrasion and tear resistance. The polyurethane (PU) coating on the inside makes the fabric durable and waterproof, and the outer has a water and stain repellent coating which helps keep the garment clean.

**300D**  
OXFORD WEAVE

### Garment Benefits

When functionality, added visibility and waterproof protection is required, look no further than the Iona™ Lite Range. These garments are certified to the highest waterproof standard, EN343 (Class 3), and are seam taped to ensure total protection against the rain.

### 3 Ways to Wear



S431

*Fleece can be worn as a separate garment*



**IONA**

Print access

### S431 Iona 3 in 1 Traffic Jacket

EN 343 CLASS 3:1



For 3-in-1 function and versatility choose the Iona 3 in 1 Traffic Jacket combining a 300D outer shell for complete waterproof protection and a detachable polar fleece for optimum warmth. Features include reflective tape for increased wearer visibility, multiple pockets for ample storage, pack-away hood for easy storing and print access for corporate branding.

100% Polyester, 300D Oxford Weave with a stain resistant finish, PU Coated 190g  
 Inner Garment : 100% Polyester, Anti-Pill finish Fleece 260g  
 100% Polyester 60g  
 Navy S-3XL

**TEXPEL™**  
SPLASH

3x1

NEW COLOUR



Concealed detachable hood

Zip out sleeves

D-ring

Phone pocket



Taped seams

Multiple storage pockets

Knitted cuffs and hem

### 3 Ways to Wear



1. With Fur Lining



2. Without Fur Lining



3. Bodywarmer

#### S435 Iona 3 in 1 Bomber Jacket

EN 343 CLASS 3:1



Versatile and comfortable protection against all weather conditions. The detachable fur lining and collar in combination with the zip-out sleeves, prove this is a superbly adaptable garment. Numerous zipped outer and interior pockets afford excellent personal security whilst the addition of reflective tape provides increased visibility in low light conditions.

100% Polyester, 300D Oxford Weave with a stain resistant finish, PU Coated 190g  
Body/Sleeve: 100% Polyester 60g  
100% Polyester Fur Lining 365g  
Sleeve: 100% Polyester Filling 120g  
Black, Navy S-4XL



# IONA™



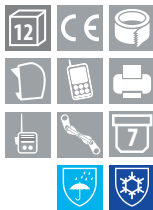
PADDED

## Ideal Winter Jackets Certified to EN342



### S434 Iona Lite Bomber Jacket

EN 343 CLASS 3:1  
EN 342 0.503M<sup>2</sup>. K/W (B), X, 3, 2



This outstanding waterproof jacket provides visibility whilst keeping you warm and dry. The fleece lined collar and knitted cuffs ensure that heat is trapped inside the garment. The cleverly designed zip-out ID pocket can also be used as an additional pocket for carrying or storing tools and personal belongings. The stylish design boasts a concealed hood, taped waterproof seams and print access.

- 100% Polyester, 300D Oxford Weave with a stain resistant finish, PU Coated 190g
- 100% Polyester 60g
- 100% Polyester 170g
- Black, Royal S-3XL Navy XS-3XL

**300D**  
OXFORD WEAVE



Fleece lined collar



PADDED



Pack away hood

Radio loop



# Guaranteed Protection in Extreme Cold Conditions

Stud-adjustable cuffs



S433

### Iona Lite Jacket

EN 343 CLASS 3:1  
EN 342 0.503M<sup>2</sup>. K/W (B), X, 3, 2



The Iona Lite Jacket offers added visibility in dull conditions. Features include two large pockets, an easily accessible external mobile phone/ radio pocket to the chest and a drawcord hood and hem for a snug fit.

100% Polyester, 300D Oxford Weave with a stain resistant finish, PU Coated 190g

100% Polyester 60g

100% Polyester 170g

Black, Royal, Navy

	Reg
Black	XS - 3XL
Royal	S - 3XL
Navy	XS - 4XL



# IONA™

## Multi-Functional, High Performing Rainwear

### Generously Sized for Easy Layering



Fully elasticated waistband

S484

Stud adjustable hems

S483

### Iona Lite Bib & Brace EN 343 CLASS 3:1



The Iona Lite Bib & Brace has been designed to fit comfortably over work clothes and provides full waterproof protection in adverse weather conditions. Features include adjustable straps and hems for a secure fit, multiple pockets for ample storage, stud hems for easy fitting and reflective tape for increased wearer visibility.

100% Polyester, 300D Oxford Weave with a stain resistant finish, PU Coated 190g Navy S-XXL



Adjustable straps

Multiple storage pockets

Reflective tape

Side access



S483

Stud adjustable hems

### S484 Corporate Waterproof

#### Trousers EN 343 CLASS 3:1



A practical over trouser which can be quickly pulled on when weather conditions deteriorate. Features include waist elastication for comfort and ease of movement, side openings for easy access, stud adjustable hems for a secure fit and taped seams for full protection against wind and rain.

100% Polyester, 300D Oxford Weave with a stain resistant finish, PU Coated 190g Navy S-XXL







Fully elasticated waistband



**PADDED**



## Exceptional Thermal Insulation

### S482 Iona Lite Lined Trousers

EN 343 CLASS 3:1  
EN342: 0.503M2. K/W(B), X, 3, 1



Cleverly designed to keep the wearer visible, safe and dry in foul weather conditions, the S482 is extremely practical and waterproof. Reflective tape offers superb protection in low light conditions whilst the padding traps the heat to make you warm and comfortable.

- 100% Polyester, 300D Oxford Weave with a stain resistant finish, PU Coated 190g
- 100% Polyester 60g
- 100% Polyester 170g
- Navy S-XXL

## Increased Visibility with Added Warmth

Fully elasticated waistband

Side access pockets



Stud adjustable hems

S482



### S481 Iona Lite Trousers

EN 343 CLASS 3:1



Generously sized and styled, the Iona Lite Trousers are designed to be worn over work trousers to keep you dry and act as a chillproof layer. The addition of reflective tape increases wearer visibility and the side access pockets mean that you can still get to items in your under-trouser pockets. Taped waterproof seams ensure a complete barrier against wind and rain.

100% Polyester, 300D Oxford Weave with a stain resistant finish, PU Coated 190g

Navy XS-3XL



S481

Stud adjustable hems



## Fabric Information

Constructed from 94% Polyester, 6% Elastane, 160g and laminated with 100% Polyester Micro Polar fleece for extra warmth and comfort.

### TK50 Softshell Jacket (3L)



Up-to-the-minute and stylish, this innovative jacket offers a windproof, water-resistant breathable membrane with the added luxury of a laminated micro polar fleece. The softshell material stretches for added freedom of movement.

94% Polyester, 6% Elastane, 160g laminated to 100% Polyester Micro Polar Fleece 150g - Total weight: 310g

Charcoal Grey S-XXL  
Navy XS-4XL  
Black XS-5XL



Feature contrast bar tack



### KS40 Zinc Softshell Jacket (3L)



The Zinc Softshell is ideal to throw on when bulk and weight need to be minimal to allow the job to continue. Highly popular as an alternative to fleece, the softshell delivers lightweight weather protection while maintaining a comfortable level of breathability.

94% Polyester, 6% Elastane, with 100% Polyester Micro Polar Fleece Softshell 320g

Black S-3XL





### WATERPROOF

Inner membrane forms a barrier against rain droplets and withstands penetration by water.



### BREATHABLE

Scientifically developed to wick moisture away from the body and allow it pass through the outer fabric, keeping the wearer more comfortable.



### WINDPROOF

Offers total windproofness: helps protect the body from the chilling effects of wind.



## TK52 Duo Softshell Jacket (3L)



Fashionable and dynamic two-tone softshell. Incorporating seam free panels to reduce bulk and give increased freedom of movement. The overall specification of this design is sleeker to include rubber cuff straps adjustment at the wrist, laser cut chest pocket and longer scoop back.

94% Polyester, 6% Elastane, 160g laminated to 100% Polyester Micro Polar Fleece 150g-Total weight: 310g  
Black S-XXL

## TK54 IONA Softshell Jacket (3L)



This premium softshell offers unrestricted mobility, enhanced user visibility and exceptional thermal insulation. The tightly woven smooth outer finish provides a waterproof, windproof and breathable garment of unequalled strength and comfort.

94% Polyester, 6% Elastane, 160g laminated to 100% Polyester Micro Polar Fleece 150g - Total weight:310g  
Black, Navy S-3XL



### Enhanced User Visibility

## Advanced Triple Dry Membrane Technology

### TK53 Softshell with Hood (3L)

18



5



A contemporary hooded jacket with a host of technical features including internal pocket, pre-formed elbows and rubber cuff straps. The stylish design, subtle stitch detail and contrast colour touches make an eye-catching addition to the Technik Softshell range.

94% Polyester, 6% Elastane, 160g laminated to 100% Polyester Micro Polar Fleece 150g  
Total weight: 310g  
Black, Navy S-3XL



Rubber cuff strap and hook & loop fastening



Zipped pockets

Pre-formed elbow shaping



### TK40 Oregon Softshell (2L)

24



5

Clever styling and fabric is the foundation for this contemporary softshell. The jacket comprises two side pockets, a zipped mobile phone pocket to the chest and adjustable cuffs for a snug fit.

94% Polyester, 6% Elastane, with 100% Polyester Micro Polar Fleece  
Softshell Total weight: 320g  
Black S-4XL  
Navy S-3XL



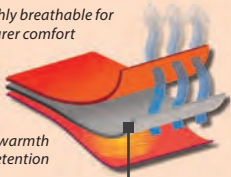
TK41 281

Highly breathable for  
wearer comfort

### Fabric Information

Constructed using hollow fibre technology, Insulatex™ provides a lighter and warmer thermal lining. The unique fabric technology locks in the body's warmth to create a thermal barrier with the high performance material offering superior lightweight comfort to the wearer without adding bulk.

Excellent warmth  
Retention



Hollow fibres trap air to retain  
body heat



INSULATEX is a trademark of Portwest.

**PADDED**



**NEW**

## Lightweight

### S544 Aspen Gilet

- 18
- 3

This ultra lightweight Insulatex padded gilet is perfect for layering and a great alternative to a jacket. Offering superior thermal and water resistant properties, the Aspen Gilet provides optimum warmth and wearer comfort.

- 100% Nylon 40g
- 100% Nylon 55g
- Insulatex Lining 300g
- Black, Navy S-3XL



Designed with a  
comfort fit



Secure zip pocket  
Reversed zipper

Print access Drawcord adjustable hem

## Exceptional Thermal Insulation



**NEW**

### S543 Aspen Jacket

- 18
- 3

Packed with lightweight Insulatex thermal insulation, the Aspen Jacket offers an ultrasoft, water resistant solution for outdoor wear. The unique fabric technology locks in the body's warmth to create a thermal barrier for optimum wearer comfort.

- 100% Nylon 40g
- 100% Nylon 55g
- Insulatex Lining 300g
- Black, Navy S-3XL



**PADDED**

## Lightweight



Elasticated cuffs

**S543**

Print access

# The Premium Fleece Collection

## Luxury Lined Fleeces for Added Warmth



### F285 Windproof Fleece EN 14058 CLASS 1



Guaranteed to keep you warm on a cold windy day this fleece offers a classic, uncomplicated design and quality anti-pill finish. The microfibre windproof lining gives a snug feel without being bulky. Features include an internal welt pocket and two side pockets with concealed zips.

100% Polyester, Anti-Pill finish Fleece 280g

100% Polyester 84g

Black, Navy S-XXL



LINED

Internal chest pocket

Elasticated cuffs

Zipped pockets

## Luxurious Windproof Fleeces



LINED



### F500 Yukon Quilted Fleece EN 14058 CLASS 1



Our F500 guarantees to keep you warm on cold, windy days. The fleece has 100g wadding to trap warmth and luxurious soft finish fleece. Features include an internal welt pocket, side pockets with concealed zips and print access.

100% Polyester, Anti-Pill finish Fleece 280g

100% Polyester 60g

100% Polyester 100g

Navy S-XXL, Black S-XL

Print access

Elasticated cuffs

Zipped pockets

The Portwest range of fleece styles are all made using high quality anti-pill polar fleece fabrics. They offer great warmth and comfort to the wearer. Varying fabric weights offer versatility and choice across the range and ensure there is a garment to suit every need from extra layering to total outdoor protection.



## Heavy Duty 600D Contrast Panels

### S665 North Sea Fleece EN 14058 CLASS 2



One of the most hardwearing and durable garments available in the fleece range, the S665 is suitable for the most demanding work environments. The sleeve and shoulder panels give a stylish look and help extend the life of the garment. It also has a mobile phone pocket and an elasticated drawcord hem for a snug fit.



100% Polyester, Anti-Pill finish Fleece 400g

100% Polyester Oxford 600D 210g

100% Polyester 55g

Navy S-3XL



Laminated Mesh  
for Comfort



### F330 BuildTex Laminated Fleece (3L)



Soft, breathable and completely showerproof, the F330 outshone all of its competitors when tested. The laminate fleece fabric speaks for itself in terms of quality, function and performance. Features include adjustable drawcord hem, and elasticated cuffs.



100% Polyester, Anti-Pill finish Fleece 330g

Breathable, Waterproof Laminate

Navy XS-4XL, Black S-4XL



## FLEECE JACKET

410g

Heavyweight  
Double-Sided  
Fleece



Elasticated cuffs

### F401 City Fleece

18

A stylish two-tone design, in our unique double-sided fleece fabric. Heavyweight and snug, this garment will take you from work to play. Two lower zip pockets and an upper chest pocket provide ample storage space. Features contrast silver zips.

3

100% Polyester Double Sided Bonded Fleece, Anti-Pill Finish 410g

Grey, Red S-XXL, Black, Navy XS-3XL

300g

Soft Luxurious Pile  
for Maximum Comfort  
and Warmth



### KS41 Sherpa Fleece

12

The Sherpa Fleece has a luxurious pile for great warmth to weight ratio. Smooth taffeta lining gives added wind protection and allows for easy pull on-off over and under garments.

3

100% Polyester, Sherpa Pile 300g

3

100% Polyester 60g

50+  
UPF

Zoom Grey S-XXL



Elasticated binding along cuffs for draft exclusion and comfort



280g



Drawcord adjustable hem

Zipped pockets

Elasticated cuffs

**F205 Aran Fleece Jacket**  
EN 14058 CLASS 1



This middleweight fleece is fantastic value for money and can be worn as part of a uniform or for leisure activities to provide extra warmth when needed. The anti-pill finish maintains the look of the garment for longer.



100% Polyester, Anti-Pill finish Fleece 280g  
 X Green, Red S-3XL, Navy XS-4XL, Black XS-3XL

**NEW COLOUR**

**4XL XS**

280g



Zipped pockets

## Unbeatable Value and Comfort

**F280 Interactive Fleece**  
EN 14058 CLASS 1



Our Interactive Fleece will provide that extra layer of warmth when needed. The thoughtful design and stylish look means that the fleece can be worn on its own or it can be used as a zip-in fleece.



100% Polyester, Anti-Pill finish Fleece 280g  
 X Black S-XXL



400g

# Best Seller



COLOURS

## F400 Argyll Heavy Fleece

EN 14058 CLASS 2



The Argyll fleece is a favourite season after season due to the traditional, uncomplicated design and quality anti-pill finish. The 400g fleece is comfortable to wear and ensures heat is locked in.



**100% Polyester, Anti-Pill finish Fleece 400g**  
**Black, Slate Grey, Red, Bottle Green, Navy, Royal**



Many colours now available in XS, suitable for a smaller physique

	Reg
Slate Grey	XS - 3XL
Black	XS - 5XL
Red	XS - XXL
Bottle Green	S - XXL
Navy	XXS - 7XL
Royal	XS - XXL



Ladies Fit Fleece also Available

F282 282



Zipped pockets

Elasticated cuffs

400g

LINED



Reflective tape

**F433 Iona Lite Fleece**  
EN 14058 CLASS 2



This soft fleece is designed to offer maximum protection and performance as well as providing extra visibility. Heavyweight and extremely warm, the anti-pill finish means it is completely durable. The mesh lining allows for good ventilation and increases wearer comfort.

**100% Polyester, Anti-Pill finish Fleece 400g**  
**Body: 100% Polyester Mesh 110g**  
**Sleeves: 100% Polyester 60g**  
**Navy XS-3XL**



Mesh-lined For Comfort

**Enhanced User Visibility**

Elasticated cuffs

Zippered pockets

1/4 length centre front zip

## MICROFLEECE

**Fabric Information:**

Mircofleece is a lightweight microfibre fabric. It combines high performance and excellent heat retention values with total flexibility and comfort.



160g

**F180 Staffa Microfleece Pullover**



This stylish, ultra light and soft anti-pill microfleece is perfect when worn on its own or as part of a layering system. Comfortable and flattering, designed to complement an active lifestyle.

**100% Polyester Microfleece 160g**  
**Black, Navy S-3XL**



**Lightweight**

F180



# BODYWARMER

## PADED

Brushed cotton tartan lining

Radio loop

Handwarmer pockets

### S414 Shetland Bodywarmer



This garment offers all the characteristics of a classic bodywarmer with the advantage of extra pockets. Features include mobile phone pocket and internal top pocket with zip fastening.



65% Polyester, 35% Cotton 190g



100% Cotton Tartan 130g



100% Polyester 200g



Navy, Black, Bottle Green

	Reg
Bottle Green	S - 3XL
Navy	XS - 5XL
Black	S - 4XL



## PADED

Radio loop

Smart phone pocket

Pen division

D-ring

Handwarmer pockets

Reflective tape



Zipped pockets



### F414 Iona Bodywarmer



The Iona bodywarmer offers the advantage of enhanced wear visibility. Multi-function pockets provide plenty of storage whilst the additional wadding keeps the wearer warm.



65% Polyester, 35% Cotton 190g



100% Polyester 60g



100% Polyester 200g



Navy S-XXL

### TK51 Softshell Bodywarmer (3L)



A lightweight alternative to a jacket this softshell bodywarmer is ideal for a more active working environment.



94% Polyester, 6% Elastane, 160g laminated to 100% Polyester Micro Polar Fleece 150g Total weight:310g



Black S-XXL



**PADDED**

Brushed cotton tartan lining

Elasticated armholes

# Industry Bestseller

## S410 Aran Bodywarmer

18

Providing all the protection and functionality needed to carry on with your indoor and outdoor tasks in cold, windy weather, the Aran Bodywarmer offers warmth due to its 200g of heavy-weight wadding and elasticated armholes. The mandarin collar completes the look making it a truly stylish garment.



5

65% Polyester, 35% Cotton 190g

100% Cotton Tartan 130g

100% Polyester 200g

Black, Navy S-3XL



Handwarmer pockets

## Retains Outstanding Colour Wash After Wash

**PADDED**

Smart phone pocket



## Shower Resistant Fabric



## S415 Classic Bodywarmer

18

The S415 offers an extra layer of warmth and protects the wearer in wet weather. The classic style combines hand warmer pockets, patch pockets and an external mobile phone pocket to make an excellent outdoor garment.



6

100% Polyester, PVC Coated 160g

100% Polyester 60g

100% Polyester 200g

Black XS-3XL, Navy XS-4XL

Handwarmer pockets

Drawcord adjustable hem



## BODYWARMER

## PADED



**NEW  
COLOUR**

### S413 Kinross Bodywarmer

18

2

Our S413 offers a classic, uncomplicated design and outstanding value for money making this bodywarmer one of our best sellers. The non-bulky design of the garment allows for extra layering where needed and the two side pockets are ideal for carrying small tools or personal belongings.

-  100% Nylon 60g
-  100% Nylon 60g
-  100% Polyester 100g
-  Black, Navy XS-3XL

Centre front stud opening

Fully lined and padded

2 pockets



## Perfect for All Weathers

## PADED

2 Jet covered inside chest pockets

Soft peach finish fabric

Zippered pockets

Drawcord adjustable hem







Fully elasticated waistband

### S412 Glasgow Bodywarmer

18

3





-  65% Polyester, 35% Cotton 190g
-  100% Polyester 60g
-  100% Polyester 150g
-  Black 5-3XL, Navy XS-4XL

**4XL  
XS**

### S540 Seattle Gilet

18

6

-  100% Polyester, Peach Finish, Acrylic Coated 100g
-  100% Polyester 65g
-  100% Polyester 350g
-  Black M-XL



# RIPSTOP





**PADDED**

## S560 RS Two-Tone Bodywarmer



This bodywarmer provides complete waterproof protection and outstanding durability making it ideal for tough outdoor working environments. Fully padded for optimum warmth and comfort. Features include a storm flap over the front zip and a fleece lined collar and chinguard for extra comfort.



-  100% Polyester, Ripstop, PVC Coated 250g
-  100% Polyester 55g
-  100% Polyester 170g
-  X Black/Grey, Navy/Royal S-XXL



Reflective piping

Fleece lined collar



Half elasticated waist

**2 Ways to Wear**

**2X1**

**LINED**



**Reversible garment**

Showerproof

Fleece lined



Zipped pockets

## S418 RS Reversible Bodywarmer




 100% Polyester, Ripstop, PVC Coated 260g



 100% Polyester, Anti-Pill finish Fleece 260g



 X Black S-XXL, Navy XS-3XL Grey S-3XL



# SILVER-ION

## BASE LAYER

### Fabric Information

Constructed from 93% Wicking Polyester and 7% Elastane, this fabric is coated with a permanent Anti-Bacterial Silver Ion treatment to combat odour and increase longevity.



### Garment Benefits

The unique fabric technology locks in the body's warmth to create a thermal barrier, which is then regulated during activity. The fabric enables enhanced performance for the wearer by rapidly wicking excess moisture away from the skin. This allows the wearer to keep warm and dry in extreme cold and cool in the heat.



**NEW COLOUR**

*Will Keep You Warm and Dry by Providing Insulation and Moisture Removal*



Retail box

**NEW COLOUR**

Contrast colour stitching

**B153**

### **B153** Base Pro Antibacterial Top



The Base Pro top incorporates Silver Ion treatment which combats odour and increases longevity. The top is close fitting for optimal wicking performance and suitable for multi-season use.

 93% Wicking Polyester, 7% Elastane, Silver Ion Treatment 165g


 Black, Charcoal S-XXL


## Suitable for Multi Season Use

### **B151** Base Pro Antibacterial Legging



This legging offers enhanced thermal protection, wicks moisture away from the body and combats odour, keeping the wearer cool, dry and comfortable under exerting conditions.

 93% Wicking Polyester, 7% Elastane, Silver Ion Treatment 165g

 Black, Charcoal S-XXL

**B151**

**B151**

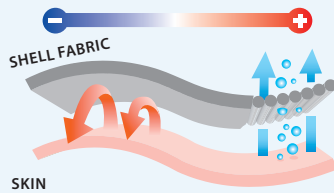






# BASE LAYER

## High Performance Wicking Fabric



Baselayer garments are made from a 100% Wicking Polyester which draws moisture away from the body keeping the wearer cool, dry and comfortable under exerting conditions. The garments are suitable for all levels of activity and can be worn as an extra thermal layer for workwear in cold weather or as a technical sports garment for added comfort and enhanced performance.



**B133**



**B130**

### 1 B133 Thermal Baselayer Top



Crew neck styling, low profile seam construction and cuffed sleeves ensure an excellent fit.

100% Wicking Polyester 140g  
Black S-XXL, Charcoal XS-4XL



### 2 B130 Thermal Baselayer Short Sleeve Top



Soft and smooth short sleeve baselayer top with specially designed flat lock seams to trap body heat and form a light layer of insulation. This wickable material draws perspiration away from the body keeping the wearer cool, dry and comfortable.

100% Wicking Polyester 140g  
Black, Charcoal S-XXL

### 3



Retail box



**B131**

### 3 B131 Thermal Baselayer Leggings



These smooth leggings have low profile seam construction for ultimate comfort.

100% Wicking Polyester 140g  
Black XS-XXL, Charcoal S-4XL





## Versatile Base Layer Essentials

**B120 Thermal T-Shirt Short Sleeve**

48

A traditional t-shirt cut that offers optimum warmth at all times. The material construction allows the skin to breathe if conditions become too warm. The round neck makes it ideal for wearing as an under-garment

 50% Polyester, 50% Cotton 200g  
 Navy, White, XS-3XL, Black, Grey, Sky Blue, S-3XL



**B120**





**B121**

**B121 Thermal Trouser**

48

The B121 creates a layer of warmth around the lower body. The soft poly-cotton fibres and fabric knitting mean that heat is trapped in. Cuffed hem and elasticated waist provide a comfortable fit.

 50% Polyester, 50% Cotton 200g  
 Navy XS-5XL, Black, Grey, Sky Blue, White S-3XL



**B123**

**B123 Thermal T-Shirt Long Sleeve**

48

A long sleeve t-shirt cut that offers optimum warmth at all times. The material construction allows the skin to breathe if conditions become too warm. The round neck makes it ideal for wearing as an under-garment

 50% Polyester, 50% Cotton 200g  
 Navy XS-5XL, Black, Grey, Sky Blue, White S-3XL





Extreme Cold Weather Protection to -40°C

**300D**  
OXFORD WEAVE



Radio loop

Pack away hood

Concealed stud and zip fastening

D-ring

Reflective tape

# Functionality, Performance and Comfort Combined

## Fabric Information

Made with 300 Denier 100% polyester yarn, this is a tough fabric for tough conditions. 300D fabric has superb abrasion and tear resistance. The polyurethane (PU) coating on the inside makes the fabric durable and waterproof, and the outer has a water and stain repellent coating which helps keep the garment clean.

## S585 Winter Coverall

EN 343 CLASS 3:1  
EN 342 0.503M<sup>2</sup>. K/W (B), X, 3, 2



Full waterproof protection and outstanding durability are key features of this winter padded coverall. The contemporary design is complemented by a high quality finish and close attention to detail throughout. Key features include: reflective tape for added visibility, reinforced knee patches for optimum strength, multiple pockets for storage and zipped ankles for easy fitting.

100% Polyester, 300D Oxford Weave with a stain resistant finish, PU Coated 190g

100% Polyester 60g

100% Polyester 170g

Grey/Black, Navy/Black, Red/Black S-XXL



Zipped ankles

# COLD STORE PORTWEST

**Extreme Cold Weather Protection to -40°C**

### Fabric Information

Constructed from 100% Breathable Polyester, Oxford weave, with a Stain Resistant finish, 150g. The fabric is lined with 100% Polyester with a thermal interlining, 300g for extra warmth and comfort.

### Garment Benefits

For the best protection in the most hostile conditions, look no further than this outstanding collection of ColdStore garments. Our designers have worked with trial groups to develop a unique collection that is above all warm, practical and comfortable to wear. Performance is a key requirement, along with a garment that maintains heat without being bulky and heavy.



**CS12 ColdStore Coverall**  
EN342: 0.534M2. K/W(B), X, 1, X



Heavy-duty, all-in-one coverall for the ultimate in coldstore protection, this garment is warm yet unrestrictive. Reflective tape is used around the chest, back and legs for increased wearer visibility. Oversized hip pockets are perfect for storage and access while wearing gloves. The legs have reinforced knee patches for comfort. Knee length zippers and hook & loop fastening for easy fitting. For security and personalisation there is a chest pocket with clear ID pocket, as well as back-elastication for extra comfort.

- 100% Breathable Polyester, Oxford Weave, Stain-Resistant Finish 150g
- 100% Polyester 60g
- 100% Polyester 300g
- Navy S-3XL



**-40°C**



All ColdStore styles are certified to EN 342 standard for ColdStore Clothing and are CE marked accordingly. The garments guarantee to cover chill (2°C to -5°C) through to cold store (-25°C) to deep freeze (-40°C).



0.534m2.K/W(B)

X  
1  
X

EN 342



Pack away hood

Fleece lined collar

Radio loop

ID card holder



Elasticated back waist

Adjustable straps



Knitted cuff

Zipped ankles

Knee pad pockets

Reflective tape



### CS10 ColdStore Jacket

EN 342 0.534M<sup>2</sup>. K/W (B), X, 1, X



The CS10 3/4 length freezer jacket offers unrivalled protection. The heavy-duty two-way zipper allows maximum wearer flexibility and the extra long knitted cuffs with thumb holes provide extra warmth. The jacket includes reflective tape around the chest and back for extra visibility. Features also include a chest pocket with a clear ID pocket for security and personalisation.

100% Breathable Polyester, Oxford Weave, Stain-Resistant Finish 150g

100% Polyester 60g

100% Polyester 300g

Navy S-3XL

### CS11 ColdStore Trousers

EN 342 0.534M<sup>2</sup>.K/W(B), X, 1, X



These expertly designed ColdStore Trousers come with a high front and back to provide extra warmth around the body. The heavy-duty buckles with wide elastic suspenders are height adjustable to ensure a comfortable fit for the wearer. 5cm reflective tape around the leg increases wearer visibility and safety. Knee patches are reinforced for increased durability. Oversized pockets allow for access without removing gloves.

100% Breathable Polyester, Oxford Weave, Stain-Resistant Finish 150g

100% Polyester 60g

100% Polyester 300g

Navy S-3XL



## ACCESSORIES RANGE

INSULATEX is a trademark of Portwest.



# INSULATEX™

## Thermal Insulation

Constructed using hollow fibre technology, Insulutex™ provides a lighter and warmer thermal lining. The unique fabric technology locks in the body's warmth to create a thermal barrier with the high performance material offering superior lightweight comfort to the wearer without adding bulk.

**PA58** 50

**Helmet Winter Liner**

100% Cotton  
 Black, Navy  
 One Size



**Fur lined**

**HA13 Winter Trapper Cap**

96  
12  
 100% Polyester 90g  
 100% Acrylic Fur 400g  
 100% Polyester 100g  
 Black One Size



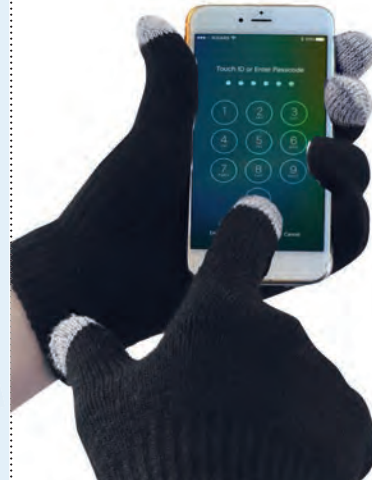
**GL13 Knit Glove**  
**Insulutex Lined**

144  
12  
9  
 100% Acrylic, Knit  
 Insulutex Lining 40g  
 Black, Navy  
One Size



**GL14 Fingerless Knit Insulutex Glove**

240  
12  
9  
 100% Acrylic, Knit  
 Insulutex Lining 40g  
 Black, Navy  
One Size



**GL16 Touchscreen Knit Glove**

336  
12  
10  
This style gives great dexterity. The black acrylic knit outer is hardwearing whilst the grey acrylic with metallic component allows for precise movements on a touchscreen device.  
 100% Acrylic, Knit,  
 Black S/M, L/XL, XXL/3XL  
Navy S/M-L/XL



Gripper pads on palm and index finger

**GL12 Fleece Glove Insulutex Lined**

120  
10  
 100% Polyester, Anti-Pill finish Fleece 316g  
 Insulutex Lining 40g  
 Black, Navy  
One Size



Gripper pads on palm and index finger

**GL10 Waterproof Ski Glove**

120  
10  
 100% Polyamide 142g  
 100% Polyester Microfleece 120g  
 100% Polyester 80g  
 Black, Navy  
One Size



Gripper pads on palm and index finger

**GL11 Fleece Glove**

144  
12  
 100% Polyester, Anti-Pill finish Fleece 316g  
 Black, Navy  
One Size



**B013** Knit Cap Insulatex Lined

144  
12

9

100% Acrylic, Knit  
Insulatex Lining 40g  
Black, Grey, Navy, Olive Green One Size  
Orange, Yellow One Size



**B024**

144  
12

7

Striped Insulated Knit Cap,  
Insulatex Lined

100% Acrylic, Knit  
Insulatex Lining 40g  
Grey, Grey/Black One Size



**HA10** Fleece Hat Insulatex Lined

96  
12

100% Polyester, Anti-Pill finish Fleece 280g  
Insulatex Lining 40g  
Black, Forest Green, Navy One Size  
Orange, Yellow One Size



**B010** Six Panel Baseball Cap

96  
12

65% Polyester, 35% Cotton 190g  
Black, Navy  
Adjustable size



**CS21** Neck Tube

240  
20

100% Polyester, Anti-Pill  
finish Fleece 280g  
Black, Navy One Size  
Orange, Yellow One Size



**CS20** Fleece Balaclava

240  
20

100% Polyester, Anti-Pill  
finish Fleece 190g  
Black, Navy One Size  
Orange, Yellow One Size



**B023** Reflective Trim Knit Hat  
Insulatex Lined

144  
12

9

100% Acrylic, Knit  
Insulatex Lining 40g  
Black, Navy One Size  
Orange, Yellow One Size



Reversible  
hat

**HA14** Reversible Hi-Vis Beanie Hat

144  
12

↔

100% Polyester Fleece 230g  
100% Polyester Fleece 230g  
Orange/Black, Yellow/Black  
One Size



**B029** Beanie LED Head Light  
USB Rechargeable

144  
12

CE

🔌

100% Acrylic, Knit  
Black, Navy, Orange,  
Yellow One Size

# CORPORATE CASUALS



**NEW COLOUR** **NEW COLOUR** **NEW COLOUR**



Twin Stitched Seams

## B300 Roma Sweatshirt

24

This comfortable sweatshirt is ideal for weekend wear or workwear. It comes in a choice of popular colour options with an appealing classic crew neck and relaxed fit. The raglan sleeve allows greater freedom of movement. Perfect as part of a uniform and ideal for embroidery.

50+ UPF

5XL  
XS

65% Polyester, 35% Cotton 300g  
Navy, Black, Bottle Green, Dark Navy, Heather Grey, Maroon, Red, Royal

	Reg
Royal	S - 3XL
Dark Navy	S - 3XL
Bottle Green	S - 3XL
Navy	XS - 5XL
Black	XS - 4XL
Maroon	S - 3XL
Red	S - 3XL
Heather Grey	S - 3XL

## Fabric Information

This premium Corporate Casuals Range is constructed using a luxury blend of polyester and cotton. The polyester provides excellent durability while the cotton content gives the garments a soft handle and ensures they wash brilliantly. The result is styles that are perfect for the workplace.

## Garment Benefits

- ✓ Relaxed fit for ease of movement.
- ✓ Reactive dyes used offer rich colour retention. Colour consistency through all styles.
- ✓ Twin needle stitching throughout.



## B309 Sorrento Zip Neck Sweatshirt

24

This classic design with the high neck and quarter zip, has a relaxed and comfortable fit and sits neatly when layered.

50+ UPF

65% Polyester, 35% Cotton 300g  
Black, Navy S-3XL



# Easy Care for Easy Wear

LINED  
HOOD



## B302 Roma Hoody

30

This stylish and practical hooded sweatshirt has a soft brushed inner lining for extra comfort. The polyester content ensures excellent durability. Design features include a large kangaroo pocket and self lined hood.

2

50+  
UPF

65% Polyester, 35% Cotton 300g  
Navy, Royal, Black S - 3XL

50+  
UPF

Jersey lined  
hood

## Superior Brushed Cotton Fabric



Sherpa lining

## Sherpa Lining for Fantastic Heat Retention

Front zip  
opening



## KS31 Nickel Sweatshirt

30

A stylish addition to our range of sweats, the full front zip on this hoody enables it to be taken on and off easily in busy work environments. Made from our exclusive Cotton Plus fabric, the Nickel sweatshirt has a modern cut and a host of technical detail as well as discreet branding.

2

50+  
UPF

50% Polyester, 50% Cotton 350g  
Black, Navy S-XXL

50+  
UPF

## KS32 Pewter Jacket

12

4

Ideal for cool outdoor conditions this jacket offers great function and style. The inner Sherpa pile lining traps warmth around the torso area, while lightly padded sleeves reduce bulk and allow great reach and movement. Features include an inner zip pocket, dedicated phone and pen pocket and print access.

50+  
UPF

50+  
UPF

65% Polyester, 35% Cotton 280g  
Sleeve Lining: 100% Polyester 60g  
Main Body: 100% Polyester Sherpa Pile 300g  
Sleeve Filling: 100% Polyester Wadding 40g  
Black, Zoom Grey S-3XL

50+  
UPF

# Rugged and Durable Polo Shirts



	Reg
Black	XS - 5XL
Navy	XS - 5XL
Royal	XS - 5XL
Dark Navy	XS - 4XL
Bottle Green	S - 3XL
Yellow	S - 3XL
Red	XS - 3XL
Heather Grey	S - 3XL
Maroon	S - 3XL
Kelly Green	S - 3XL
Sky Blue	S - 3XL
White	S - 3XL
Purple	S - 3XL

## B210 Naples Polo Shirt

48

This rugged polo shirt is made using pique knit polycotton fabric which is soft to touch and comfortable to wear. Features include a rib knitted collar and cuffs, matching buttons and a three button placket. Ideal for corporate wear and personalisation.

50+  
UPF

5XL  
XS

65% Polyester, 35% Cotton 210g  
Black, Navy, Royal, Dark Navy, Red,  
Bottle Green, Heather Grey, Kelly Green,  
Maroon, Purple, Sky Blue, White, Yellow

NEW  
COLOUR

NEW  
COLOUR

NEW  
COLOUR

NEW  
COLOUR



COLOUR OPTIONS



**B209** *Naples Ladies Polo Shirt*



Beautifully fitted and ideal for personalisation, this essential ladies style will meet all your workwear needs.



65% Polyester, 35% Cotton 210g  
 Black, Bottle Green, Navy, Pink, Red, Royal, Sky Blue, White

	Reg
Black	XS - XXL
Bottle Green	XS - XXL
Navy	XS - XXL
Pink	XS - XXL
Red	XS - XXL
Royal	XS - XXL
White	XS - XXL
Sky Blue	XS - XXL



**B185** *Terni Polo Shirt*



This lightweight, highly breathable and easy to care for, polyester fabric will keep the wearer dry and comfortable in all conditions.

100% Polyester 140g  
 Black, Navy S-3XL



**B212** *Genoa Long Sleeved Polo Shirt*



65% Polyester, 35% Cotton 210g  
 Black, Navy XS-3XL





COLOUR OPTIONS

**NEW**  
COLOUR

**NEW**  
COLOUR

**NEW**  
COLOUR

**NEW**  
COLOUR

**NEW**  
COLOUR



**B175 Monza T-Shirt**

48

Keeping you cool, dry and comfortable, the soft breathable polyester wicks sweat so you stay cooler and dryer during all activities.

100% Polyester 140g  
Black, Navy S-3XL



**B310 Nato Sweater**

24

100% Acrylic, 7 Gauge 580g  
65% Polyester, 35% Cotton 245g  
Black, Navy S-3XL

1

50 UPF

**B195 Turin Premium T-Shirt**

72  
12

Outstanding value, this garment is ideal for workwear and corporate wear. Available in a choice of popular colours, this t-shirt looks great when worn on its own or underneath a sweatshirt. Made from premium 100% cotton, it offers unrivalled comfort.

\*White Only

40 UPF

50 UPF

100% Cotton 195g  
White, Black, Heather Grey, Navy, Red, Royal, Sky Blue, Yellow

	Reg
Black	S - 3XL
Heather Grey	S - 3XL
Royal	S - 3XL
White*	XS - 3XL
Yellow	S - 3XL
Navy	S - 3XL
Sky Blue	S - 3XL
Red	S - 3XL

\*Also available in a Lightweight 140g version, B140 Venice T-Shirt.

# Easy Care, Minimum Iron Shirts



**S107** Oxford Shirt, Long Sleeves

**S108** Oxford Shirt, Short Sleeves

70% Cotton, 30% Polyester 120g  
 S107: Sky Blue 15"-19"  
 S108: Sky Blue 14"-20"



**S117** Easycare Oxford Shirt, Long Sleeves

**S118** Easycare Oxford Shirt, Short Sleeves

70% Cotton, 30% Polyester 130g  
 S117: Sky Blue S-3XL  
 S118: Sky Blue S-3XL



**S103** Classic Shirt, Long Sleeves

**S104** Classic Shirt, Short Sleeves

65% Polyester, 35% Cotton 100g  
 S103: White 14"-19"  
 S104: White 14"-20"



**S101** Pilot Shirt, Short Sleeves

**S102** Pilot Shirt, Short Sleeves

65% Polyester, 35% Cotton 100g  
 S101: White 14"-20"  
 S102: White 14.5"-19"



**S232** 239

**Classic Fit, Modern Relaxed Cut**



# FOOTWEAR RANGE

The extensive range of Portwest footwear offers a wide choice of industry leading styles, engineered for performance and ergonomically designed for maximum comfort, protection and reliability. Strong and flexible construction with innovative and stylish design, provide longer lasting, superb fitting footwear that will withstand the test of time.

## **116** *Styles*

- **PORTWEST® PRO**
- **STEELITE™ AQUA**
- **STEELITE™ ULTRA**
- **STEELITE™ MICROFIBRE**
- **STEELITE™ ESD**
- **STEELITE™ LADIES**
- **STEELITE™ WORK**
- **COMPOSITELITE™ AQUA**
- **COMPOSITELITE™ ULTRA**
- **COMPOSITELITE™ ESD**
- **COMPOSITELITE™ WORK**
- **PORTWEST OCCUPATIONAL**
- **FOOTWEAR ACCESSORIES**

# The Complete Footwear Range

See Our Ladies Footwear Range on Page 290



## Portwest®

### PRO

Introducing the new range of premium safety footwear from Portwest® featuring the finest materials and components for the ultimate in safety, performance, comfort and stability. Footwear designed for workers in the oil and gas industries, construction, utilities etc.

## Steelite™

### WORK ULTRA LADIES ESD AQUA MICROFIBRE

A superb range of safety footwear manufactured using the finest materials and components. Steelite footwear contains protective steel toecaps and/or steel midsoles.

## PORTWEST Compositelite™

### WORK ULTRA AQUA ESD LADIES MICROFIBRE

An exceptional range of safety footwear which is lightweight, flexible and metal free. Portwest Compositelite footwear contains non metallic protective fibreglass toecaps and/or non metallic protective midsoles.

### Occupational Footwear

Light weight and durable styles for all day comfort. Ideal for light work and leisure.

STEELITE and COMPOSITELITE are trademarks of Portwest.



### Symbols



200 joule steel toecap



200 joule composite toecap



Pierce resistant steel midsole



Pierce resistant composite midsole



Waterproof membrane



Waterproof



Water resistant upper



Energy absorbing seat region



Slip resistant outsole



Oil resistant outsole



Dual density sole unit



Mono density sole unit



Wide fitting



Metatarsal protection



Heat insulation



Heat resistant outsole



Anti-static footwear



100% non-metallic



Cold insulation



ESD



Chemical resistant - 2



Full grain leather



### USA Symbols



Static dissipative footwear (SD)



Protective non-metallic toecap - impact (I), compression (C)



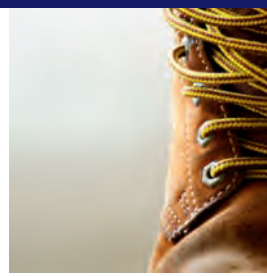
Protective steel toecap - impact (I), compression (C)



Puncture resistant non-metallic midsole (PR)



Puncture resistant steel midsole (PR)



## Innovation, quality components, styling and expert construction define the Portwest footwear collections.

Safety footwear can be recognised by the following standard:



**EN ISO 20345:2011**



**AS/NZS 2210.3: 2009**

This international standard specifies basic and additional (optional) requirements for safety footwear used for general purposes. It includes, for example, mechanical risks, slip resistance, thermal risks, ergonomic behaviour. The toecap protects the wearer's toes against risk of injury from falling objects and crushing when worn in work environments where potential hazards may occur. The midsole protects against the foot being pierced by underfoot objects.




Footwear which conforms to the standard AS/NZS 2210.3:2009 has been tested for additional thread strength.

The classification system used to identify the protection provided by the footwear is listed:

Category	Additional requirements
<b>SB</b>	The presence of a safety toecap providing protection against impact injury to the toes caused by falling objects. Level of protection provided is 200 joules. Prevention of compression injury to the toes if trapped under a heavy object. Level of this protection is 15kN.
<b>SBP</b>	As SB standard plus penetration resistance.
<b>S1</b>	As SB standard plus closed seat region, antistatic properties, resistance to fuel oil and energy absorption of seat region.
<b>S1P</b>	As S1 standard plus penetration resistance.
<b>S2</b>	As S1 standard plus water penetration and water absorption resistance.
<b>S3</b>	As S2 standard plus cleated outsole and penetration resistance.
<b>S4</b>	200 joule toecap protection. All rubber or all polymeric footwear with antistatic properties. Resistance to fuel oil, energy absorption of seat region and closed seat region.
<b>S5</b>	As S4 standard plus cleated outsole and penetration resistance.

**Table of additional requirements**

for special applications with appropriate symbols for marking.

Requirement		Symbols
 Whole Footwear	Penetration resistance	<b>P</b>
	Electrical properties: Antistatic footwear	<b>A</b>
	Resistance to inimical environments: Cold insulation of sole complex	<b>CI</b>
	Energy absorption of seat region	<b>E</b>
	Water resistant	<b>WR</b>
 Upper	Metatarsal protection	<b>M</b>
	Water penetration and absorption	<b>WRU</b>
 Outsole	Resistance to hot contact	<b>HRO</b>
	Resistance to fuel oil	<b>FO</b>



## EN 61340-4-3:2002

### Electrostatics - Standard test methods for specific applications - Footwear.

This part of EN 61340 describes a test method for determining the electrical resistance of footwear used in the control of electrostatic potential on people. This standard is suitable for use by the manufacturer of footwear as well as the end user.

#### Electrostatic conductive footwear

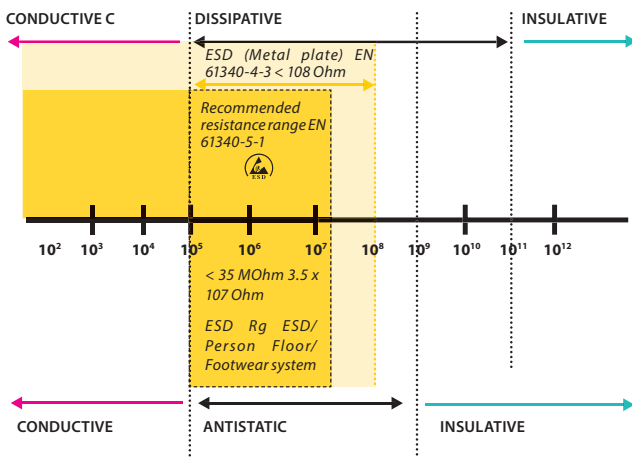
Footwear as tested by the method described in this standard with an electrical resistance of  $< 1 \Omega \times 10^5$ .

#### Electrostatic dissipative footwear

Footwear as tested by the method described in this standard with an electrical resistance of  $> 1 \Omega \times 10^5$  and  $< 1 \Omega \times 10^8$ .

#### Floor/Footwear System used for primary grounding - ESD Standard EN 61340

Occupational and safety shoes standard - EN ISO 20344 to EN ISO 20347. The level of charge generated is influenced by atmospheric humidity.



## EN 13832-2:2006



### Footwear Protecting Against Chemicals

Footwear protecting against chemicals - Part 2: Requirements for footwear resistant to chemicals under laboratory conditions

Resistance to degradation: Samples are placed in contact with the chemical for 23 hours.

This footwear resists degradation by the stated chemicals (at least 2 from the list below).	
B	acetone
D	dichloromethane
F	toluene
G	diethylamine
H	tetrahydrofuran
I	ethyl acetate
J	n-heptane
K	30% sodium hydroxide
L	95% sulphuric acid
M	65% nitric acid
N	99% acetic acid
O	25% ammonia solution
P	30% hydrogen peroxide solution
Q	isopropanol
R	13% sodium hypochlorite
- toecap strength (200J or 100J)	

## EN ISO 20347:2012

The International Standard specifies basic and additional (optional) requirements for occupational footwear that is not exposed to any mechanical risks (impact or compression).

Category	Additional requirements
<b>0B</b>	Conforms to the basic requirements set out by the standard EN ISO 20347: 2012
<b>01</b>	Closed seat region, antistatic properties, energy absorption of seat region
<b>02</b>	As 01 plus: Water penetration and absorption
<b>03</b>	As 02 plus: Penetration resistance, cleated outsole
<b>04</b>	Closed seat region, antistatic properties, energy absorption of seat region
<b>05</b>	As 04 plus: Penetration resistance, cleated outsole

## EN ISO 13287:2012

This European Standard specifies a method of test for the slip resistance of conventionally soled safety, protective and occupational footwear. It is not applicable to special purpose footwear containing spikes, metal studs or similar.

The item of footwear to be tested is put on a surface, subjected to a given normal force and moved horizontally relative to the surface. The frictional force is measured and the dynamic coefficient of friction is calculated.

If the outsole passes both the ceramic tile test (SRA) and the steel floor test (SRB) it is marked as SRC.

Marking Code	Test Surface	Coefficient of Friction (EN 13287)	
		Forward Heel Slip	Forward Flat Slip
<b>SRA</b>	<b>Ceramic tile with SLS*</b>	$\geq 0.28$	$\geq 0.32$
<b>SRB</b>	<b>Steel floor with Glycerol</b>	$\geq 0.13$	$\geq 0.18$
<b>SRC</b>	<b>Ceramic tile with SLS* &amp; Steel floor with Glycerol</b>	$\geq 0.28$ $\geq 0.13$	$\geq 0.32$ $\geq 0.18$

\* Water with 5% Sodium Lauryl Sulphate (SLS) solution

## ASTM F2413-11

### Standard specification for performance requirements for protective (safety) toe cap footwear.

The specification contains performance requirements for footwear to protect workers feet from the following hazards by providing;

- I** Impact resistance (I) for the toe area of footwear.
- C** Compression resistance (C) for the toe area of the footwear.
- Mt** Metatarsal impact protection (Mt) that reduces the chance of injury to the metatarsal bones at the top of the foot.
- Cd** Conductive properties (Cd) which reduce hazards that may result from static electricity buildup; and reduce the possibility of ignition of explosives and volatile chemicals.
- EH** Electric hazard protection (EH), to protect the wearer when accidental contact is made by stepping on live electric wires.
- SD** Static dissipative properties (SD) to reduce hazards due to excessively low footwear electrical resistance that may exist where SD footwear is required.
- PR** Puncture resistance (PR) footwear devices.

# Safety Footwear Classification Guide

EN ISO 20345:201 Uses the following classification system to identify the level of protection provided by safety footwear





































**SB**

						
FC03 386	FW26 392	FW28 392	FW30 381	FW31 381	FW82 383	FW17 388

**SBP**

		<i>Protecting your Feet in all Conditions</i>
FW16 388	FW35 389	

**S1P**

						
FC04 386	FC10 405	FC14 404	FC52 371	FC53 371	FC65 372	
						
FC67 372	FT25 375	FT15 375	FT63 377	FT64 377	FW02 380	FW06 396
						
FW08 399	FW09 399	FW10 398	FW12 395	FW13 395	FW14 398	FW25 400
						
FW33 378	FW34 379	FW36 374	FW37 374	FW38 290	FW39 290	FW46 385
						
FW47 385	FW51 400	FW60 380	FW61 380	FW63 378	FW64 378	FW85 391
						
FW86 391	FW87 391					

**S4**

	
FW84 408	FW94 407

*The Best Components and Materials Used*

# SI



FC02 387   FC21 405   FC41 404   FC63 373   FC66 373   FC64 373   FT50 375



FW01 377   FW15 400   FW21 399   FW41 291   FW42 376   FW48 383/387   FW49 291

# S2



FC01 387   FW80 382   FW81 382   FW83 384   FW88 384

# S3



FC11 405   FC12 397   FC44 404   FC54 366   FC55 366   FC57 369



FC60 370   FC61 370   FD01 363   FD02 363   FD09 365   FD10 364   FD11 365



FD15 364   FT12 394   FT13 394   FW03 402   FW04 403   FW05 397   FW07 390



FW11 402   FW22 390   FW23 401   FW24 401   FW29 396   FW32 381   FW43 403



FW44 403   FW57 368   FW59 376   FW65 393   FW66 368   FW69 376

# S5



FD85 367   FD95 406   FW45 408   FW71 409   FW74 409   FW75 409   FW95 407



## Portwest - Footwear Engineered to Protect You

Constructed using the most modern & efficient footwear manufacturing technologies, all outsoles are ergonomically designed and manufactured using cemented, direct injected and welted techniques. The crafted uppers are designed to provide excellent comfort and fit. Engineered for maximum performance, a combination of premium quality materials and components ensure supreme durability, flexibility and reliability across the entire footwear range.

## Footwear Engineered for ULTIMATE Protection



# Portwest<sup>®</sup> PRO



Quick-release zip

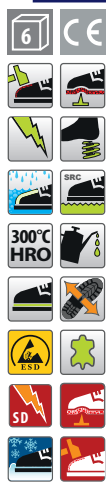
S3



S3



## FD01 Portwest Compositelite Traction 10 inch (25cm)



**Safety Boot S3 HRO CI WR**  
 EN ISO 20345:2011  
 EN 61340-4-3 CLASS 3  
 ASTM F2413-11

Combining comfort, ankle support, unrivalled anti slip properties and the finest materials and components, the Compositelite Traction Safety Boot is a revelation in footwear construction. Lightweight construction with fastening zip, S3 water resistant leather and a waterproof and breathable membrane to keep feet dry in the harshest of conditions. Specially designed PU/Rubber outsole offers superior slip resistance and stability in the most demanding of conditions.

**Black, Euro 38-48, UK 5-13, US 6-14**  
 Full-Grain Leather  
 PU/Rubber -Outsole F18



## FD02 Portwest Compositelite Traction 7 inch (18cm)



**Safety Boot S3 HRO CI WR**  
 EN ISO 20345:2011  
 EN 61340-4-3 CLASS 3  
 ASTM F2413-11

This style is the ideal choice for the oil and gas industry. Oil and fuel resistant outsole ensures excellent slip resistance. Full grain leather upper keeps feet warm in cold conditions and allows your feet to breath and remain comfortable in warm climates. This specially designed and constructed boot will keep you safe when needed.

**Black, Euro 38-48, UK 5-13, US 6-14**  
 Full-Grain Leather  
 PU/Rubber - Outsole F18





S3



**FD15** *Eden Safety Boot S3 HRO CI HI FO*

EN ISO 20345:2011

AS/NZS 2210.3:2009



Complete protection, the full grain leather upper provides a barrier to all weather conditions. High lace up style with a robust zip for a comfortable fit and reliable support in rugged environments. Injected PU/Rubber outsole for supreme grip and energy absorption

**Black Euro 38-48, UK 5-13, US 6-14**

**Full-Grain Leather**

**PU/Rubber - Outsole F47**



**Quick-release zip**



S3



**FD10** *Clyde Safety Boot S3 HRO CI HI FO*

EN ISO 20345:2011

AS/NZS 2210.3:2009



Classic boot design with a protective TPU scuff cap for high impact and to increase longevity. Moisture wicking inner lining provides reliable protection against cold, damp and heat. Innovative outsole flex zones increase flexibility and stability for excellent support and comfort with every step.

**Black Euro 38-48, UK 5-13, US 6-14**

**Full-Grain Leather**

**PU/Rubber - Outsole F47**



**Protective Scuff Cap**

S3



**FD09 Trent Safety Boot S3 HRO CI HI FO**

EN ISO 20345:2011



Highly protective and resistant to all weather conditions due to the cold and heat insulation properties that keep your feet comfortable in hard working environments. High quality materials and an injected PU/Rubber outsole for slip and heat resistance.

**Black Euro 38-48, UK 5-13, US 6-14**

**Full-Grain Leather**  
PU/Rubber - Outsole F47



*Protective Scuff Cap*



S3



**FD11 Foyle Safety Boot S3 HRO CI HI FO**

EN ISO 20345:2011



Designed for tough outdoor working conditions, the full grain leather upper and dual density PU/Rubber outsole provides maximum protection. Exceptionally strong and comfortable with steel toecap and midsole, 300°C HRO and SRC slip resistance.

**Black Euro 38-48, UK 5-13, US 6-14**

**Full-Grain Leather**  
PU/Rubber - Outsole F47



 **IMPROVED**



Breathable upper

**S3**



**FC54** Portwest Compositelite Elbe

**Low Cut Trainer S3**  
EN ISO 20345:2011



These 100% non metallic high colour trainers provide maximum comfort with a contemporary design. A water resistant cow suede leather and open cell mesh combine to ensure this trainer is robust and breathable. Composite toecap and midsole, supreme grip and oil resistant outsole.

 **Green, Euro 38-47, UK 5-12, US 6-13**

 **Cow Suede, Mesh**

 **Phylon/Rubber - Outsole F38**

 **IMPROVED**



Protective scuff cap

**S3**




**FC55** Portwest Compositelite Elbe


**Mid Cut Trainer S3**  
EN ISO 20345:2011



Superb protection and modern trainer design combined. Padded collar offers extra support and fit for unrivalled comfort. Water resistant construction, dual density phylon/rubber outsole for extreme grip and flexibility. 100% non metallic and breathable.

 **Green, Euro 38-47, UK 5-12, US 6-13**

 **Cow Suede, Mesh**

 **Phylon/Rubber - Outsole F38**





**NEW**

**IMPROVED**



*Metatarsal protection*

*Integrated Flexible Metagaurd for Optimum Flexibility and Metatarsal Protection*

- ✓ Mining
- ✓ Oil and Gas
- ✓ Utilities
- ✓ Construction
- ✓ Civil Engineering
- ✓ Aggregates
- ✓ Agriculture



*Kick off spur*



*Reinforced ankle protection*



*Metatarsal protection*

**S5**

**FD85** Portwest Mettamax Safety Wellington S5 M

EN ISO 20345:2011  
AS/NZS 2210.3:2009



The Portwest Mettamax Safety Wellington offers complete foot protection. The innovative, non-metallic design allows flexibility and comfort to the wearer. Helps protect against hazards in heavy industrial work environments.

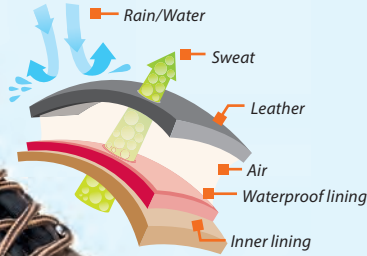
Black Euro 37-48, UK 4-13, US 5-14

PVC/Nitrile  
PVC/Nitrile - Outsole F49

**NEW  
COLOUR**



### How it works



**S3**



### FW57 Steelite All Weather Boot S3 WR



EN ISO 20345:2011  
ASTM F2413-11  
AS/NZS 2210.3:2009



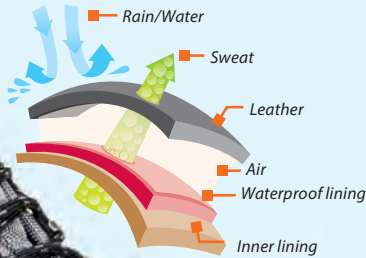
This S3 boot features a waterproof and breathable membrane and is perfect for use in all conditions. Steel toecap and midsole for total protection with a tough TPU outsole for greater stability and abrasion.



**Black, Brown Euro 38-48,  
UK 5-13, US 6-14**  
Cow Nubuck Leather  
Waterproof membrane  
PU/TPU - Outsole F12



### How it works



**S3**



### FW66 Steelite All Weather Hiker Boot S3 WR



EN ISO 20345:2011



Full S3 protection in a hiker style boot with a waterproof and breathable lining, steel midsole and steel toecap.



**Grey Euro 37-48, UK 4-13,  
US 5-14**  
**Black Euro 38-48,  
UK 5-13, US 6-14**  
Cow Suede Leather  
Waterproof membrane  
PU/PU - Outsole F51

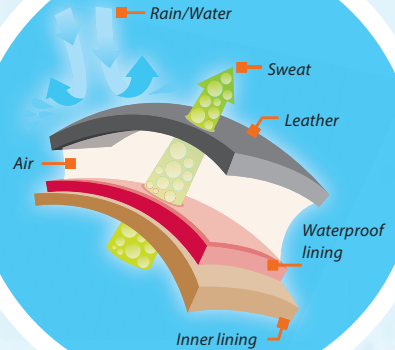


**IMPROVED**

# PORTWEST Compositelite™ AQUA

Waterproof and  
breathable

## WATERPROOF MEMBRANE



Protective scuff cap

S3



### FC57 Portwest Compositelite All Weather Boot S3 WR

EN ISO 20345:2011  
AS/NZS 2210.3:2009



This outstanding non metallic boot offers superb lightweight protection for your feet even in wet conditions with a waterproof and breathable lining. Dual density PU/TPU hardwearing outsole with shock absorbing seat region, antistatic and slip resistant properties. Protective scuff cap extends longevity of the boot.

Black Euro 38-48, UK 5-13, US 6-14

Cow Nubuck Leather  
Waterproof Membrane  
PU/TPU - Outsole F12

IMPROVED



 **IMPROVED**

**S3**




**FC60** Portwest Compositelite

**Operis Boot S3 HRO**

EN ISO 20345:2011  
ASTM F2413-11



Stylish design combined with total S3 safety in a 100% non metallic boot. Lightweight construction with a durable PU/Rubber outsole for slip resistance and shock absorption.

 **Black/Orange, Black/Blue**  
Euro 37-48, UK 4-13, US 5-14  
Nubuck  
PU/Rubber - Outsole F52



 **IMPROVED**

**S3**



**FC61** Portwest Compositelite

**Operis Shoe S3 HRO**

EN ISO 20345:2011  
ASTM F2413-11



Stylish and excellent S3 protection allows you to work in a variety of environments. Water resistant to maintain healthy feet in wet climates and a durable dual density, heat resistant outsole for comfort.

 **Black/Orange, Black/Blue**  
Euro 37-48, UK 4-13, US 5-14  
Nubuck  
PU/Rubber - Outsole F52

**S1P**



**FC52**

**Portwest Compositelite  
Reno Low Cut Boot S1P**  
EN ISO 20345:2011



The Reno low cut boot is ideal for outdoors with a dual density PU outsole for excellent slip resistance and strength. 100% non metallic, antistatic, protective toecap and midsole to ensure you are kept safe across all working environments.

- Beige Euro 38-47,  
UK 5-12, US 6-13**
- Cow Suede Leather**
- PU/PU - Outsole F39**

**IMPROVED**



**S1P**



**FC53**

**Portwest Compositelite  
Reno Mid Cut Boot S1P**  
EN ISO 20345:2011  
AS/NZS 2210.3:2009



The eye-catching Reno mid cut boot has exceptional safety features. Lightweight and durable, this 100% non metallic boot is suitable in a host of environments. Breathable lining, composite toecap and midsole with an oil and slip resistant outsole.

- Beige Euro 38-47,  
UK 5-12, US 6-13**
- Cow Suede Leather**
- PU/PU - Outsole F39**

**IMPROVED**



PORTWEST  
**Compositelite™ ULTRA**

 **IMPROVED**



**S1P**

**FC67** Portwest Compositelite  
**Vistula Trainer S1P HRO**  
EN ISO 20345:2011



Hard wearing S1P non metallic hiker, offering comfort and durability. Phylon/rubber outsole for comfort and slip resistance. Ideal for light industrial use or in metal free areas.

 **Black/Blue, Black/Green**  
Euro 38-47, UK 5-12, US 6-13  
**Split Leather**  
 **Phylon/Rubber - Outsole F33**

PORTWEST  
**Compositelite™ WORK**

**360° Rubber External Chassis System**

 **IMPROVED**





**S1P**

**FC65** Portwest Compositelite  
**Trekker Plus Boot S1P**  
EN ISO 20345:2011



100% non metallic S1P boot with integrated TPR external chassis system for 360° ankle support

 **Black Euro 37-47, UK 4-12, US 5-13**  
**Cow Suede Leather**  
 **PU/PU - Outsole F12**

S1



**FC63** Portwest Compositelite

**Trekker Boot S1**  
EN ISO 20345:2011



A non metallic hiker style safety boot with 200 joule composite toecap. Lightweight and flexible for all day comfort.

Black Euro 37-48,  
UK 4-13, US 5-14  
Cow Suede Leather  
PU/PU - Outsole F12



IMPROVED

S1



**FC64** Portwest Compositelite

**Trekker Shoe S1**  
EN ISO 20345:2011  
ASTM F2413-11



100% non metallic, lightweight and comfortable hiker style shoe. Strong and flexible construction allows long lasting use in the working environment.

Black Euro 36-48,  
UK 3-13, US 4-14  
Cow Suede Leather  
PU/PU - Outsole F12



IMPROVED

S1



**FC66** Portwest Compositelite

**Troupier Shoe S1**  
EN ISO 20345:2011



100% non metallic, lightweight hiker style shoe in a classic black colour. Composite toecap, antistatic and oil resistant outsole makes this shoe suitable for a variety of work environments.

Black Euro 36-48, UK 3-13,  
US 4-14  
Cow Suede Leather  
PU/PU - Outsole F12



IMPROVED



S1P



**FW36** Steelite Loire Low Cut

**Trainer S1P HRO**

EN ISO 20345:2011  
AS/NZS 2210.3:2009



Combining a modern look without compromising on safety. The Loire trainer comes complete with steel toecap and midsole and a lightweight EVA/Rubber outsole for comfort and slip resistance.

Grey Euro 39-47,  
UK 6-12, US 7-13  
Cow Suede

EVA/Rubber - Outsole F29



S1P



**FW37** Steelite Loire Mid Cut

**Trainer S1P HRO**

EN ISO 20345:2011



Padded collar provides extra support and comfort around the ankle. Contrasting colours for a sleek stylish look with steel toecap and midsole that will protect you.

Grey Euro 39-47,  
UK 6-12, US 7-13  
Cow Suede

EVA/Rubber - Outsole F29



**S1P****FT15 Steelite Tove Trainer S1P**

EN ISO 20345:2011



Combining a modern trainer style with classic safety protection. The TPU moulded upper with mesh backing offers excellent breathability and comfort. Dual density EVA/rubber outsole for a lightweight and long lasting trainer that won't let you down. Superb comfort footbed with steel toe cap and steel midsole.

**Black/Green Euro 38-47, UK 5-12, US 6-13**  
**Black/Blue Euro 38-47, UK 5-12, US 6-13**  
**KPU/ Mesh**  
**EVA/Rubber - Outsole F53**

**S1****FT50 Steelite Mersey Trainer S1**

EN ISO 20345:2011



High performance upper design with 3D mesh lining which provides maximum comfort and breathability. This trend setting safety footwear has been constructed with a dual density PU/PU outsole, providing superior grip and energy absorption. Designed with a cushioned footbed reducing foot fatigue.

**Grey Euro 36-48, UK 3-13, US 4-14**  
**Cow Suede Leather**  
**PU/PU - Outsole F50**

**S1P****FT25 Steelite Aire Trainer S1P**

EN ISO 20345:2011 S1



Stylish, ultra modern knitted fabric upper with a comfortable and hard wearing dual density outsole for all day comfort. Lightweight and breathable. Suitable for light industrial use. Supplied with spare set of contrast laces.

**Black/Green Euro 38-48, UK 5-13, US 6-14**  
**Knitted Upper**  
**PU/PU - Outsole F50**



## 360° Rubber External Chassis System



**NEW COLOUR**

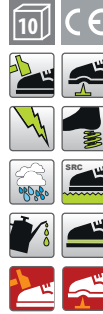
**S3**



### FW69 Steelite Mustang Boot S3

EN ISO 20345:2011

ASTM F2413-11  
AS/NZS 2210.3:2009



Designed for comfort, safety and reliability. The Mustang boot has full S3 protection with a 360 degree rubber external chassis system for maximum ankle support.

**Black, Brown Euro 38-48, UK 5-13, US 6-14, Crazy Horse Leather PU/TPU - Outsole F12**



**S3**



### FW59 Steelite Mustang Shoe S3

EN ISO 20345:2011



Excellent fit and comfort. The dual density PU/TPU outsole is tough and hard wearing for any work environment. Water resistant S3 protection keeps your feet protected. Steel toecap and midsole with external chassis system for increased stability.

**Brown Euro 38-48, UK 5-13, US 6-14 Crazy Horse Leather PU/TPU - Outsole F12**



**S1**



### FW42 Steelite Obra Sandal S1

EN ISO 20345:2011

AS/NZS 2210.3:2009



This lightweight S1 perforated safety sandal is ideal for use in warm climates. Outstanding breathability and ventilation offers maximum comfort to the wearer.

**Grey Euro 36-47, UK 3-12, US 4-13 Cow Suede Leather PU/PU - Outsole F39**

**S1P**



**FT63 Steelite Trouper Boot S1P**  
EN ISO 20345:2011



S1P Trouper boot in a workwear classic colour of black with breathable inner lining and closed eyelets. Steel toecap and midsole keep you safe.

- Black Euro 36-48, UK 3-13, US 4-14**
- Cow Suede Leather**
- PU/PU - Outsole F12**



**S1P**



**FT64 Steelite Trouper Shoe S1P**  
EN ISO 20345:2011



Strong and flexible, the Trouper shoe is ideal for long hours of wear. Steel toecap and midsole, oil resistant and energy absorbing seat region. Outstanding comfort with classic black styling.

- Black Euro 36-48, UK 3-13, US 4-14**
- Cow Suede Leather**
- PU/PU - Outsole F12**



**S1**



**FW01 Steelite Safety Sandal S1**  
EN ISO 20345:2011



S1 safety sandal with a steel toecap and a perforated upper for extra ventilation in warm working conditions. Features a hook and loop fastening unit for a more comfortable fit.

- Black Euro 35-48, UK 2-13, US 3-14**
- Split Leather**
- PU/PU - Outsole F12**



*Perforated for Ventilation*



**S1P**

**FW33 Steelite Arx Safety Trainer**

**S1P HRO**

EN ISO 20345:2011  
ASTM F2413-11

A sporty low cut safety trainer with steel toecap and midsole. Ideal for use in light industrial work.



**X** Black Euro 36-48,  
UK 3-13, US 4-14

**Y** White Euro 36-48,  
UK 3-13, US 4-14

Split Leather  
EVA/Rubber - Outsole F15



**S1P**

**FW63 Steelite Trekker Boot S1P**

EN ISO 20345:2011  
ASTM F2413-11

S1P Trekker boot in a workwear friendly colour combination of black/grey with breathable inner lining and closed eyelets.



**X** Black Euro 36-48,  
UK 3-13, US 4-14

Cow Suede Leather  
PU/PU - Outsole F12



**S1P**

**FW64 Steelite Trekker Shoe S1P**

EN ISO 20345:2011  
ASTM F2413-11

Breathable, strong and flexible style. Steel toecap, midsole and oil resistant outsole will give you peace of mind when working.



**X** Black Euro 36-48,  
UK 3-13, US 4-14

Cow Suede Leather  
PU/PU - Outsole F12



*Great Protection*  
*Great Comfort*  
*Great Style*



**S1P**

**FW34 Steelite Lusum Safety Trainer S1P HRO**

EN ISO 20345:2011

ASTM F2413-11

AS/NZS 2210.3:2009



Low profile safety trainer with eye catching two tone colouring. Heat resistant rubber outsole with steel toecap and midsole.

Black/Orange, Black/Red, Black/Yellow

Euro 36-48, UK 3-13, US 4-14

Cow Suede Leather

EVA/Rubber - Outsole F15





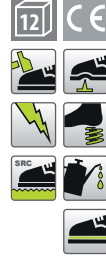
**NEW  
COLOUR**

**S1P**



**FW61**

**Steelite Hiker Shoe S1P**  
EN ISO 20345:2011



Offers reliability, comfort and safety. Steel toe cap and midsole, dual density and energy absorbing seat region features provide a long lasting comfortable style. Scuff cap design increases longevity of the safety shoe.

**Grey Euro 36-48, UK 3-13, US 4-14**  
**Cow Suede Leather**  
**PU/PU - Outsole F12**

**S1P**



**FW60**

**Steelite Hiker Boot S1P**  
EN ISO 20345:2011



S1P mid cut Hiker boot with steel toe cap and midsole. Lightweight construction with scuff cap for added protection.

**Grey Euro 36-48, UK 3-13, US 4-14**  
**Cow Suede Leather**  
**PU/PU - Outsole F12**

**S1P**



**FW02**

**Steelite Perforated Trainer**  
**S1P**

EN ISO 20345:2011  
AS/NZS 2210.3:2009



Low cut S1P trainer with perforated upper and a special breathable lining for those working in warm conditions where breathability and comfort is a must.

**Blue, Grey, Euro 36-48, UK 3-13, US 4-14,**  
**Cow Suede Leather**  
**PU/PU - Outsole F12**

**SB**



**FW30 Steelite Mid Cut Trainer SB**

**HRO**  
EN ISO 20345:2011



Classic trainer style with lightweight phylon midsole for comfort and a durable rubber heat resistant outsole to 300°C.

- Black Euro 38-47, UK 5-12, US 6-13**
- Split Leather**
- Phylon/Rubber - Outsole F16**



**SB**



**FW31 Steelite Mid Cut Nubuck Boot**

**SB HRO**  
EN ISO 20345:2011  
ASTM F2413-11



Mid Cut Nubuck Boot with durable rubber outsole. High wicking breathable mesh liner for extra comfort.

- Black, Honey Euro 38-48, UK 5-13, US 6-14**
- Full-Grain Nubuck Leather**
- Phylon/Rubber - Outsole F08**

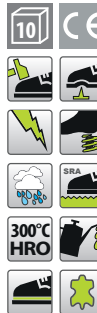


**S3**



**FW32 Steelite Constructo Nubuck**

**Boot S3 HRO**  
EN ISO 20345:2011  
AS/NZS 2210.3:2009



Stylish design with full safety specification. Steel toecap and steel midsole with S3 Nubuck Full Grain water resistant leather and 300°C HRO rubber outsole.

- Black, Honey Euro 39-47, UK 6-12, US 7-13**
- Full-Grain Nubuck Leather**
- Phylon/Rubber - Outsole F08**



# Steelite™ MICROFIBRE

The Steelite Microfibre food and medical industry products are manufactured from high quality microfibre, which is water resistant and machine washable. The single density polyurethane outsole has been developed to self-clean which prevents cross contamination whilst providing excellent slip resistance.



13/48  
1/34



S2

30°

## FW80 Steelite Laced Safety Shoe S2

EN ISO 20345:2011  
AS/NZS 2210.3:2009



Classic styled laced safety shoe with padded collar for all day comfort. Minimal design makes this collection practical, safe and durable.

Black, White Euro 34-48,  
UK 1-13, US 2-14  
Microfibre  
PU - Outsole F40



13/48  
1/34



S2

30°

## FW81 Steelite Slip On Safety Shoe S2

EN ISO 20345:2011  
AS/NZS 2210.3:2009



Outstanding slip-on style ideal for medical and food industries. The easy to clean microfibre upper is practical, safe and durable. Steel toe cap and excellent slip resistance.

Black, White Euro 34-48,  
UK 1-13, US 2-14  
Microfibre  
PU - Outsole F40



FW58 412

Occupational  
Style





### It's All About Sole - F40

Slip resistant and self-cleaning outsole which prevents cross contamination due to product being lodged in the sole thread of the footwear, specially designed for Clean Room, Medical and Food Industries



#### FW82 Steelite Safety Clog SB AE



**WRU**  
EN ISO 20345:2011  
AS/NZS 2210.3:2009



This lightweight microfibre style offers superb close fit and comfort in a clog design with a detachable back strap.



Black, White Euro 34-48,  
UK 1-13, US 2-14



Microfibre  
PU - Outsole F40



13/48  
1/34

## Steelite™ ESD



#### FW48 Steelite ESD Ebro Safety Sandal S1 Class 3



**Sandal S1 Class 3**  
EN ISO 20345:2011  
EN 61340-4-3 CLASS 3



Microfibre sandal with perforated upper offers supreme breathability. Hook and loop fastening feature ensures optimum fit and convenient access for the wearer.



White Euro 34-48,  
UK 1-13, US 2-14



Microfibre  
PU - Outsole F40



Perforated for ventilation

13/48  
1/34



 **IMPROVED**

**S2**



**FW88 Steelite Albus Laced Boot S2**  
EN ISO 20345:2011



Safety at an affordable price. Water resistant upper with safety toecap, antistatic and slip resistant dual density outsole. Laced version is ideal for janitorial work.

 **White Euro 36-48, UK 3-13, US 4-14**  
**Microfibre**  
 **PU/PU - Outsole F40**



**13/48**  
**1/34**

**S2**



**FW83 Steelite Slip On Safety Boot**



**S2**  
EN ISO 20345:2011  
AS/NZS 2210.3:2009

Slip on boot style with padded collar for added support. Excellent fit for all day comfort and a steel toecap to keep your feet safe. Ideal for the medical and food industries.

 **Black, White Euro 34-48, UK 1-13, US 2-14**  
**Microfibre**  
 **PU - Outsole F40**

**S1P**



**FW47 Steelite Executive Oxford**

**Shoe S1P**

EN ISO 20345:2011



Premium quality Oxford style executive shoe with a dual density outsole, 200 joule steel toecap and midsole.

**Black Euro 39-47,  
UK 6-12, US 7-13  
Full-Grain Leather  
PU/PU - Outsole F14**



**S1P**



**FW46 Steelite Executive Brogue**

**S1P**

EN ISO 20345:2011



Brogue style executive safety shoe manufactured from Brazilian full grain cow leather with a special moisture management fabric for extra comfort.

**Black Euro 39-47,  
UK 6-12, US 7-13  
Full-Grain Leather  
PU/PU - Outsole F14**

**The Professionals  
Choice**



## Protect Sensitive Electronic Components



 **IMPROVED**

**S1P**



**FC04**

**Portwest Compositelite ESD**


**Tagus Sandal S1P**

EN ISO 20345:2011  
EN 61340-4-3 CLASS 3



100% non metallic durable safety sandal with dual density PU outsole, certified to ESD Class 3. Breathable upper design for those working in warm conditions. Hook & loop closing for snug fit.

 **Black Euro 36-48, UK 3-13, US 4-14**

 **Split Nubuck Leather PU/PU - Outsole F39**



 **IMPROVED**

**SB**



**FC03**

**Portwest Compositelite ESD**

**Perforated Safety Clog SB**


**AE**

EN ISO 20345:2011  
EN 61340-4-3 CLASS 3



Lightweight safety clog with a perforated upper for added breathability. 100% non metallic with plastic stud fastener. Suitable for use in ESD environments. Complies with EN 61340-5-1.

 **Black, White Euro 36-47, UK 3-12, US 4-13**

 **Microfibre PU/PU - Outsole F46**







*Welt Constructed*

**SBP**



**FW16 Steelite Welted Safety Boot**

**SBP HRO**  
EN ISO 20345:2011  
ASTM F2413-11



Welted Safety Boots with steel toecap and steel midsole. Padded collar and breathable lining for maximum comfort and durability. Heat and slip resistant outsole.



**Black Euro 39-48,  
UK 6-13, US 7-14**  
Split Leather  
Rubber - Outsole F07



**SB**



**FW17 Steelite Welted Safety Boot**

**SB HRO**  
EN ISO 20345:2011  
ASTM F2413-11



Exceptional comfort and durability, this boot will protect with steel toecap, oil and 300°C heat resistant outsole. The full grain leather upper provides a classic, long lasting style.



**Brown, Honey Euro  
39-48, UK 6-13, US 7-14**  
Full Grain Crazy Horse/Full  
Grain Nubuck Leather  
Rubber - Outsole F07

# Classic Welt Design

**SBP**



**FW35** **Steelite Weltd Plus Safety Boot SBP HRO**

EN ISO 20345:2011

AS/NZS 2210.3:2009



This SBP welted safety boot provides maximum comfort and stability for the wearer. Additional features include ankle protection for maximum support and a heel kick for fast and easy removal.



**300°C HRO**



**X Honey Euro 39-48, UK 6-13, US 7-14**

**Full-Grain Nubuck Leather**

**Rubber - Outsole F07**

**Ankle protection**



**Heel kick for ease of removal**



 **IMPROVED**

*Quick release  
buckle*

**S3**



**FW07 Portwest Compositelite**

**Welders Boot S3 HRO**

EN ISO 20345:2011  
ASTM F2413-11



Designed for welders with a protective leather flap to guard against sparks, a quick release buckle and 300°C HRO PU/Rubber outsole. Stitched with fire resistant thread, composite toecap and midsole.

 **Black Euro 38-48,  
UK 5-13, US 6-14**  
**Split Leather**  
**PU/Rubber - Outsole F01**

*Provides All-Round  
Foot Protection*



*Metatarsal  
protection*

**S3**




**FW22 Steelite Metatarsal Boot S3**

**HRO M**

EN ISO 20345:2011



Leather upper, steel toecap and midsole with tough steel metatarsal cover offers supreme protection and comfort for the wearer. Heat resistant outsole with the highest slip resistance grade makes this boot suitable for wear in all weather conditions.

 **Black, Euro 38-47,  
UK 5-12, US 6-13**  
**Split Leather**  
**PU/Rubber - Outsole F42**



S1P



## FW86 Steelite Ultra Safety Sandal

S1P

EN ISO 20345:2011



Perforated sandal with comfort lining for maximum breathability to keep your feet cool in hot environments. Steel toecap and midsole allow you to work confidently and safely.

Black Euro 38-48, UK 5-13, US 6-14  
Split Leather  
PU/PU - Outsole F04



Heel detail for abrasion resistance

S1P



## FW85 Steelite Ultra Safety Shoe S1P

EN ISO 20345:2011



Upmarket range of everyday safety footwear at an affordable price. Eye catching design with orange trims and full safety specification with steel toecap and midsole, antistatic and slip resistant. Complete with extra padding in heel area for abrasion resistance.

Black Euro 38-48, UK 5-13, US 6-14  
Split Leather  
PU/PU - Outsole F04



Heel detail for abrasion resistance

S1P



## FW87 Steelite Ultra Safety Boot S1P

EN ISO 20345:2011



Padded collar provides an excellent fit for comfort and safety. Dual density, oil and slip resistant outsole to prevent slips and trips when working. Steel toecap and midsole will protect you in a variety of environments.

Black Euro 38-48, UK 5-13, US 6-14  
Split Leather  
PU/PU - Outsole F04



Heel detail for abrasion resistance



## Air Cushion Comfort

**SB**



### FW28 Steelite Air Cushion Safety

**Boot SB**

EN ISO 20345:2011



**X** Black Euro 39-47,  
UK 6-12, US 7-13

Buffalo Leather

PVC/Rubber- Outsole F09

Black leather 6 eyelet safety boot with air cushion PVC outsole, steel toecap and padded collar.



**SB**



### FW26 Steelite Air Cushion Safety

**Shoe SB**

EN ISO 20345:2011



**X** Black Euro 39-47,  
UK 6-12, US 7-13

Buffalo Leather

PVC/Rubber- Outsole F09

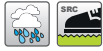
Classically styled cemented safety shoe with special air cushioned outsole for energy absorption and slip resistance. Ideal for those working in security, corporate, transport etc.

S3



## FW65 Steelite TaskForce Boot S3 HRO

EN ISO 20345:2011  
ASTM F2413-11



Designed for optimum wearer comfort, the EVA/ Rubber heat resistant cemented outsole is highly durable. The water resistant upper combined with the breathable inner lining ensures maximum comfort for the wearer even when worn for long durations. Suitable for military and security personnel.

Black Euro 39-48, UK 6-13, US 7-14  
Split Leather/ 1200D Oxford  
EVA/Rubber - Outsole F43



Breathable upper

Achilles foam flex pad



**S3**

**FT12 Steelite Rigger Boot Pro S3 CI HRO**

EN ISO 20345:2011 S3

Innovative rigger design, manufactured to the highest safety protection standards. Enhanced ankle protection and TPU scuff cap to increase the longevity of the upper and heel kick. The dual density PU/rubber outsole provides exceptional slip and heat resistance.

**10** **CE**

**SRC** **300°C HRO**

**X Tan Euro 38-48, UK 5-13, US 6-14**

**Split Leather PU/Rubber Outsole: F19**



**S3**

**FT13 Steelite Rigger Boot Pro S3 CI**

EN ISO 20345:2011 S3

Total comfort, fur lined rigger boot. The steel toecap and penetration resistant midsole keep your feet safe while the modern upper design ensures robust, reliable protection with reinforced ankle protection, scuff cap and heel kick. Fur lined for increased insulation in cold environments.

**10** **CE**

**SRC** **300°C HRO**

**X Tan Euro 38-48, UK 5-13, US 6-14**

**Split Leather PU/PU Outsole: F03**

S1P



**FW12 Steelite Rigger Boot S1P CI**

**HRO**  
EN ISO 20345:2011



Our popular rigger style boots offer outstanding protection and value for money. Extremely comfortable and versatile with fur lining to trap in heat and thumb straps which allow for easy donning. Steel toecap, midsole and antistatic protection come as standard.

**Black, Tan Euro 38-48, UK 5-13, US 6-14**



**Split Leather**  
PU/Rubber - Outsole F17

Fur lined



**300°C  
HRO**

*Rubber outsole for heat resistance of up to 300°C*

S1P



**FW13 Steelite Rigger Boot S1P CI**

**(With scuff cap)**  
EN ISO 20345:2011



Outstanding rigger style with fur lining and added scuff cap for longevity of the boot. Steel toecap and midsole, dual density antistatic and oil resistant outsole. Ideal for those working in cold conditions.

**Tan Euro 37-48, UK 4-13, US 5-14**

**Black Euro 38-48, UK 5-13, US 6-14**

**Split Leather**  
PU/PU - Outsole F03

Fur lined



Protective scuff cap

**UNLINED**

**300°C  
HRO**



**S1P**

**FW06 Steelite Rigger Boot S1P HRO (Unlined)**  
EN ISO 20345:2011



Popular style rigger boot with outstanding protective features such as steel toecap and midsole. Oil, fuel and 300°C heat resistant outsole. Unlined for warm conditions. Durable and comfortable, ideal for road workers.

**Tan Euro 38-48, UK 5-13, US 6-14**  
**Split Leather**  
**PU/Rubber - Outsole F17**



*Fur Lined*

*Protective Scuff Cap*



**S3**

**FW29 Steelite Rigger Boot Scuff Cap S3 CI**  
EN ISO 20345:2011



Full S3 protection at an affordable price. S3 Rigger Boot complete with protective scuff cap, steel toecap and midsole with side tabs for easy donning. Fur lined for extra warmth and comfort.

**Black, Tan Euro 38-48, UK 5-13, US 6-14**  
**Buffalo Leather**  
**PU/PU - Outsole F03**

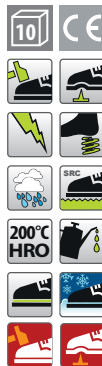
S3



**FW05 Steelite Fur Lined Protector**

**Boot S3 CI**

EN ISO 20345:2011  
ASTM F2413-11



High leg, fur lined version of our best selling safety boot. Suitable for use in cold working conditions.

**Black Euro 37-48,  
UK 4-13, US 5-14**  
Split Leather  
PU/TPU - Outsole F12



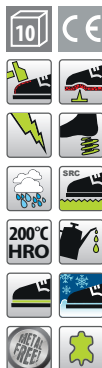
S3



**FC12 Portwest Compositelite Fur**

**Lined Thor Boot S3 CI**

EN ISO 20345:2011



For those working in sub zero environments. Maximum protection against the cold with composite components to aid heat insulation.

**Black Euro 38-48,  
UK 5-13, US 6-14**  
Full-Grain Leather  
PU/TPU - Outsole F21



*Fur Lined*

**IMPROVED**



200 joule  
steel toecap

Energy absorbing  
seat region

Steel midsole

Slip resistant outsole (SRC)

Oil resistant outsole

## Steelite Boots

Steelite footwear is independently and routinely tested to ensure performance and reliability.

S1P



FW10

**Steelite Protector Boot S1P**

EN ISO 20345:2011

ASTM F2413-11

AS/NZS 2210.3:2009



A best seller amongst workers in a host of trades, this style is one of the most comfortable and sturdy boots on the market. Comprehensive protection with 200 joule steel toecap, steel midsole and a slip resistant, energy absorbent heel.

Black, Euro 35-52,  
UK 2-17, US 3-18

Split Leather  
PU/PU - Outsole F03

S1P



FW14

**Steelite Protector Shoe S1P**

EN ISO 20345:2011

ASTM F2413-11

AS/NZS 2210.3:2009



This popular safety shoe is lightweight and durable allowing you to work confidently in any environment. Superb slip resistant, oil resistant and energy absorbing outsole with protective steel toecap and midsole.

Black Euro 35-52,  
UK 2-17, US 3-18

Split Leather  
PU/PU - Outsole F03



17/52  
2/35



S1P



**FW08 Steelite Protector Plus Boot**

**S1P HRO**

EN ISO 20345:2011



PU/Rubber outsole offers greater resistance to heat and is ideal for those working in road construction, local authority etc.

Black Euro 38-48,  
UK 5-13, US 6-14

Split Leather

PU/Rubber - Outsole F01



S1P



**FW09 Steelite Protector Boot Scuff**

**Cap S1P**

EN ISO 20345:2011



Our best selling footwear style is now available with the added benefit of a scuff cap to the toe area. Suitable for tilers, plumbers, carpet fitters.

Black Euro 37-48,  
UK 4-13, US 5-14

Split Leather

PU/PU - Outsole F12



*Scuff cap detail*

S1



**FW21 Steelite Safety Boot S1**

EN ISO 20345:2011



Excellent fit for comfort and safety. The dual density outsole provides a strong and flexible boot with steel toe cap, slip resistant and antistatic properties.

Black Euro 35-49,  
UK 2-14, US 3-15

Split Leather

PU/PU - Outsole F03



*Green stitching*



**S1**



**FW15 Steelite Safety Trainer S1**  
EN ISO 20345:2011



Modern styling combined with lightweight construction for extreme comfort. Complete with steel toecap and dual density PU outsole.

**X** Black Euro 37-48,  
UK 4-13, US 5-14  
Split Leather  
PU/PU - Outsole F12



**S1P**



**FW25 Steelite Safety Trainer S1P**  
EN ISO 20345:2011



Offers versatile fit and comfort in a stylish trainer design with excellent S1P protection. Durable dual density oil resistant, antistatic outsole with steel toecap and midsole.

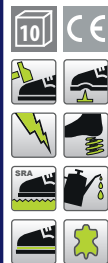
**X** Black Euro 36-48,  
UK 3-13, US 4-14  
Split Leather  
PU/PU - Outsole F12



**S1P**



**FW51 Steelite Dealer Boot S1P**  
EN ISO 20345:2011



Traditional styled safety Dealer Boot with steel toecap and steel midsole.

**X** Black Euro 38-47,  
UK 5-12, US 6-13  
**Y** Brown Euro 38-47,  
UK 5-12, US 6-13  
Waxy Full-Grain Buffalo  
Leather (Brown), Full Grain/  
Split Leather (Black)  
PU/PU - Outsole F02

**S3**



**FW23 Steelite Kumo Boot S3**

EN ISO 20345:2011



Our S3 Kumo Boot is manufactured with water resistant leather keeping your feet dry in wet conditions. Complete protection with 200 Joule steel toecap, steel midsole and a slip resistant, energy absorbent heel.

**Black Euro 36-50, UK 3-15, US 4-16**  
**Buffalo Water-Resistant Leather**  
**PU/PU - Outsole F56**



*Grey stitching*

**IMPROVED**

**S3**



**FW24 Steelite Kumo Boot Scuff Cap**

**S3**  
EN ISO 20345:2011



Popular S3 boot with the addition of a protective scuff cap and contrast stitching. Steel toecap and midsole make this boot ideal for a variety of work environments. Strong and flexible construction with water resistant, oil resistant and antistatic features. This boot will keep you safe.

**Black Euro 36-48, UK 3-13, US 4-14**  
**Split Leather**  
**PU/PU - Outsole F57**



*Protective scuff cap*

**IMPROVED**



**S3**



**FW11 Steelite Thor Boot S3**  
EN ISO 20345:2011

		This Steelite™ safety boot has a 200 joule steel toecap, steel midsole and a hardwearing dual density PU/TPU sole. The full grain leather provides a water resistant barrier so feet stay dry and comfortable all day.
		<b>Black Euro 37-48, UK 4-13, US 5-14</b>
		<b>Full-Grain Leather</b>
		<b>PU/TPU - Outsole F02</b>



**S3**



**FW03 Steelite Boot S3**  
EN ISO 20345:2011

		S3 safety footwear at an affordable price. Water resistant upper and dual density PU outsole. Steel toe cap and steel midsole.
		<b>Black Euro 37-48, UK 4-13, US 5-14</b>
		<b>Split Leather</b>
		<b>PU/PU - Outsole F13</b>

S3



**FW04 Steelite Shoe S3**

EN ISO 20345:2011



Provides exceptional protection. Superb dual density slip resistant outsole, steel toecap and midsole with a water resistant upper for an extremely durable safety shoe.

**Black Euro 37-48, UK 4-13, US 5-14**  
**Split Leather**  
**PU/PU - Outsole F13**



S3



**FW43 Steelite Kumo Shoe S3**

EN ISO 20345:2011



Outstanding low cut style with water resistant upper. Lightweight, strong and flexible design allows you to work in comfort. Steel toecap and midsole features ensure your feet are safe from impact and compression.

**Black Euro 37-49, UK 4-14, US 5-15**  
**Buffalo Water-Resistant Leather**  
**PU/PU - Outsole F56**

**IMPROVED**



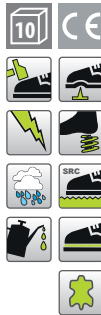
S3



**FW44 Steelite Thor Shoe S3**

EN ISO 20345:2011

AS/NZS 2210.3:2009



Steel toecap and midsole are suitable for a variety of work environments. Dual density, antistatic and slip resistant outsole for excellent grip. Full grain leather upper offers water resistant protection to keep your feet dry and comfortable.

**Black Euro 38-47, UK 5-12, US 6-13**  
**Full-Grain Leather**  
**PU/TPU - Outsole F02**





 **IMPROVED**

**S3**



**FC44** *Portwest Compositelite Thor*

**Shoe S3**

EN ISO 20345:2011



Classic style S3 safety shoe. 100% non metallic construction and full grain water resistant upper will keep your feet dry and healthy. Protective composite toecap and midsole. Hardwearing dual density PU/TPU outsole with superb slip and oil resistance.

 **X Black Euro 38-49, UK 5-14, US 6-15**  
**Full-Grain Leather**  
 **PU/TPU - Outsole F21**



 **IMPROVED**

**S1P**



**FC14** *Portwest Compositelite Safety*

**Shoe S1P**

EN ISO 20345:2011



Offers excellent protection to the wearer, in a variety of work environments. Lightweight 100% non metallic construction with protective toecap and midsole. Antistatic, oil and slip resistant outsole.

 **X Black Euro 36-48, UK 3-13, US 4-14**  
**Split Leather**  
 **PU/PU - Outsole F21**



 **IMPROVED**

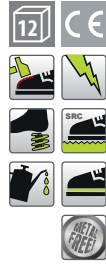
**S1**



**FC41** *Portwest Compositelite Safety*

**Shoe S1**

EN ISO 20345:2011



Lightweight and flexible with supreme slip resistance to prevent slips and trips. Composite toecap, oil resistant and antistatic features keep your feet safe. Perfect fit for all day comfort.

 **X Black Euro 35-48, UK 2-13, US 3-14**  
**Split Leather**  
 **PU/PU - Outsole F21**

**S3**



**FC11** Portwest Compositelite Thor

**Boot S3**  
EN ISO 20345:2011



100% non metallic S3 safety boot manufactured from full grain leather with a PU/TPU outsole for extra durability.

**Black Euro 38-48, UK 5-13, US 6-14**  
**Full-Grain Leather**  
**PU/TPU - Outsole F21**



**Water Resistant and Metal Free!**

**IMPROVED**

**S1P**



**FC10** Portwest Compositelite

**Safety Boot S1P**  
EN ISO 20345:2011



Metal free S1P boot with composite toecap and midsole. Black leather upper with dual density polyurethane sole unit.

**Black Euro 36-48, UK 3-13, US 4-14**  
**Split Leather**  
**PU/PU - Outsole F21**



**IMPROVED**

**S1**



**FC21** Portwest Compositelite

**Safety Boot S1**  
EN ISO 20345:2011  
ASTM F2413-11



Lightweight, 100% metal free safety boot ideal for airport security and other environments where security checks are in use. Composite protective toecap with dual density PU outsole.

**Black Euro 36-48, UK 3-13, US 4-14**  
**Split Leather**  
**PU/PU - Outsole F21**



**IMPROVED**

# Portwest® PRO

**Lighter and longer lasting than PVC and Rubber.**

3 times more resistant to organic, industrial oils and light chemicals. Longer lasting compound compared to PVC or Rubber. Environmentally friendly - no waste material generated. Breathable PU structure protects foot health. Better heat insulation than PVC or Rubber. SRC slip rating. With comfort footbed.



**Manufactured  
in The European  
Union**



**S5**



**04**



## **FD95** PU Safety Wellington S5 CI FO

EN ISO 20345:2011



The ultimate in comfort and safety. More flexible and longer lasting than PVC or Rubber due to its air bubble structure which provides air circulation. PU keeps feet hot in winter and cool in summer. Steel toecap and steel midsole, antistatic and SRC slip rated.

**Yellow, Euro 39-48, UK 6-13, US 7-14**

**PU**  
**PU - Outsole F35**

## **FD90** PU Non Safety Wellington 04 CI FO

EN ISO 20347:2012



Comfort footbed, lightweight PU construction and energy absorbing seat region for superb comfort and stability. Long lasting, breathable PU material keeps your feet healthy.

**Green Euro 39-48, UK 6-13, US 7-14**  
**PU**  
**PU - Outsole F35**





14/49  
3/34

Kick off spur

S4



IMPROVED

### FW94 Classic Safety Wellington S4

EN ISO 20345:2011  
EN 13832-2:2006



Safety Wellingtons are manufactured from virgin PVC/Nitrile in a seamless watertight construction. Features include a 200 joule steel toe cap, slip resistant outsole, antistatic, washable nylon lining and kick off spurs. Ideal for use in a wide range of environments and industries.



**Black Euro 36-48, UK 3-13, US 4-14 Height 40cm**  
PVC/Nitrile

PVC/Nitrile - Outsole F06



S5



IMPROVED

### FW95 Total Safety Wellington S5

EN ISO 20345:2011  
ASTM F2413-11  
AS/NZS 2210.3.2009  
EN 13832-2:2006



The Total Safety Wellington offers ultimate S5 protection to the wearer. Steel toe cap and midsole. PVC/Nitrile construction that is waterproof and resistant to oil, fuels and acids. Suitable for a variety of environments.



**Black Euro 36-49, UK 3-14, US 4-15 Height 40cm**  
**White Euro 36-48, UK 3-13, US 4-14 Height 40cm**

**Green Euro 36-48, UK 3-13, US 4-14 Height 40cm**  
PVC/Nitrile

PVC/Nitrile - Outsole F06





Bellows tongue

Kick off spur



**IMPROVED**

**S5**



**FW45 PVC Boot S5**  
EN ISO 20345:2011



The S5 PVC lace up boot is fully waterproof and lightweight. Clever features include a slip resistant and oil resistant outsole and a bellows tongue to provide ultimate protection in harsh climates



**Black, Euro 38-47, UK 5-12, US 6-13**



**PVC**  
**PVC - Outsole F44**



**S4**



**FW84 Safety Food Wellington S4**  
EN ISO 20345:2011  
EN 13832-2:2006



The FW84 is manufactured from high grade PVC/Nitrile which is resistant to oils, fats, alkali and acid. Excellent slip resistance and suitable for food industry.



**White Euro 36-48, UK 3-13, US 4-14, Height 40cm**



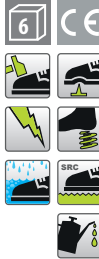
**PVC/Nitrile**  
**PVC/Nitrile - Outsole F06**





**S5**

**FW74 Safety Chest Wader S5**  
EN ISO 20345:2011



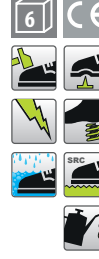
Heavy duty pvc/nitrile safety wader with steel toe cap and steel midsole. Colour coded red outsole for easy identification of safety features.

**Black Euro 37-47, UK 4-12, US 5-13**  
PVC/Nitrile  
PVC/Nitrile - Outsole F06



**S5**

**FW71 Safety Waist Wader S5**  
EN ISO 20345:2011



Waist height wader. Lightweight and versatile product with protective steel toe cap and midsole. Waterproof, antistatic and superb slip resistance.

**Black Euro 37-47, UK 4-12, US 5-13**  
PVC/Nitrile  
PVC/Nitrile - Outsole F06



**S5**

**FW75 Neptune Rigger Boot S5 CI**  
EN ISO 20345:2011  
EN 13832-2:2006



A waterproof alternative to the traditional leather rigger. Steel toe cap and midsole, fully waterproof, fur lined with side tabs for easy donning.

**Black, Tan Euro 36-48, UK 3-13, US 4-14**  
PVC/Nitrile  
PVC/Nitrile - Outsole F06



*Safety/  
Occupational  
Footwear*



**01**



**FW20 Work Boot O1**  
EN ISO 20347:2012

- Lightweight and durable occupational work boot with a dual density outsole for added comfort and slip resistance.
- Black Euro 37-48, UK 4-13, US 5-14**
- Split Leather PU/PU - Outsole F03**

*Lightweight  
and Flexible*



**01**



**FW19 Work Shoe O1**  
EN ISO 20347:2012

- Lightweight and flexible work shoe with excellent durability. Dual density, oil resistant and energy absorbing seat region for lasting comfort.
- Black Euro 36-48, UK 3-13, US 4-14**
- Buffalo Split Leather PU/PU - Outsole F03**

**OB**

**FW40 Limes Occupational Hiker Boot OB**

EN ISO 20347:2012



Occupational hiker style boot with eye-catching navy suede and lime colour combination.

- Navy Euro 39-47, UK 6-12, US 7-13
- Cow Suede
- EVA/Rubber - Outsole F28

**OB**

**FW18 Welled Boot OB**

EN ISO 20347:2012



Occupational welt style boot. Padded collar for close fit and comfort with hexagonal eyelets for stylish design. Classic welted construction with full grain leather upper for a long lasting boot.

- Honey Euro 39-47, UK 6-12, US 7-13
- Full-Grain Nubuck Leather
- Rubber - Outsole F07



*Hexagonal eyelets*

**OB**

**FW27 Air Cushion Occupational Shoe OB**

EN ISO 20347:2012



Strong and flexible occupational shoe with superb energy absorption for comfort. Full grain leather upper for a long lasting shoe.

- Black Euro 40-47, UK 6.5-12, US 7.5-13
- Buffalo Leather
- PVC - Outsole F09





 **IMPROVED**

**04**




**FW90 PVC Wellington 04**

EN ISO 20347:2012




A practical pvc wellington suitable for workers in agriculture, fisheries, janitorial and light industry.

 **Green, Euro 39-47, UK 6-12, US 7-13**

 **Black, Euro 37-48, UK 4-13, US 5-14**



PVC

 **PVC - Outsole F36**



**Manufactured in The European Union**



**13/48**  
**1/34**

**02**



**FW58 Occupational Slip On Shoe 02**


EN ISO 20347:2012



Washable upper with a self-cleaning outsole makes this slip on shoe ideal when a protective toecap is not required. Lightweight and comfortable construction.

 **White Euro 34-48, UK 1-13, US 2-14**

 **Microfibre**


 **PU - Outsole F40**



**FW68 Nebraska Mid Cut Trainer**



Superb fit and comfort with a padded ankle collar for extra support. Eye catching grey and blue contrast upper design give this trainer its unique style. Ideal for light work and leisure use.

-  **Grey Euro 39-47, UK 6-12, US 7-13**
-  **PU/Mesh**
-  **Phylon/Rubber - Outsole F45**

**Lightweight and Sporty Styles, Perfect for Leisurewear**



**FW67 Nebraska Low Cut Trainer**



A modern stylish design, perfect for outdoors and leisure. Extremely lightweight and breathable construction keeps your feet cool and comfortable.

-  **Grey Euro 39-47, UK 6-12, US 7-13**
-  **PU/Mesh**
-  **Phylon/Rubber - Outsole F45**



# Socks

## Footwear Accessories

### Unisex Sock Range

The unisex range of workwear socks come in a variety of styles and colour. Features include reinforced heels and toes for durability and a cushion sole area providing extra comfort and warmth.



#### SK18 Extreme Cold Weather



**Sock**  
SATRA TM 436

144  
6

Dual layer construction with outer shell consisting of a high wool content. Inner layer is anti odour, anti fungal with insulation and moisture transfer properties.

- 40% Wool, 40% Acrylic, 20% Nylon, 100% Polyolefin
- Black, Navy S,L

113g



Manufactured in The European Union

### SATRA TM 436:2010

*Determination Of Whole Shoe Thermal Insulation Value And Cold Rating*

A cold rating test to assess thermal performance. The item of footwear is tested on a heated artificial foot form and by monitoring the amount of energy required to maintain the foot temperature and the temperature of the foot and its surrounding environment, a range of minimum temperatures at which the footwear will feel comfortable according to the activity level of the wearer can be calculated. To test socks, a reference sample of footwear (FW11) is first tested with a reference sock and then with the sample sock (SK18) to assess the contribution made to the thermal performance of the footwear.

Table 1: TM436:2010 Cold Rating Test Results SK18

FW11		Thermal Reference	SK18
R value		0.1909	0.2150
coldest temperature with...	4 W loss	6.48	4.78
	8 W loss	-7.03	-10.45
	12 W loss	-20.55	-25.67

ANTI-STATIC  
**MODAFLAME™**  
FLAME RESISTANT

**SK20 MODAFLAME™ Sock**  
EN 531  
EN 1149 -5

The MODAFLAME material used in this sock is inherently flame resistant offering the ultimate in permanent fire resistant protection. Key features of this style are a flat toe seam and elasticated leg section for extra comfort and wearability.

48% Modacrylic, 32% Cotton, 20% Polyester  
 Black S,L

EN 1149 EN 531

**SK12 Hiker Sock**

Superior next to skin comfort, this sock ensures a dry environment for comfortable and healthy feet.

50% Cotton, 30% Polyester, 20% Nylon  
 Black S,L

100g

*Innovative cooling fabric for optimum breathability*



## Size Conversion Chart

<b>S</b>	Euro 39-43	<b>L</b>	Euro 44-48
	UK 6-9		UK 10-13
	US 7-10		US 11-14

All socks come in small and large sizes. The chart references this size range.

# First Class Care for your Feet



**82g** H 25cm

**SK11**  

### Thermal Sock

Designed for all seasons, cushioning throughout provides extra warmth, extra impact resistance and extra comfort.

 55% Cotton, 15% Nylon, 15% Wool, 15% Acrylic  
 **Blue, Grey S,L**



**60g** H 28cm

**SK13**  

### Classic Cotton Sock

Informal business sock made from fine combed cotton with cushioned sole area for the ultimate in comfort and durability.

 80% Cotton, 20% Nylon  
 **Black S,L**





**36g** H 27cm

**SK08**  

### Cotton Rich Sock 3 Pack

Made from fine cotton providing smooth and comfortable fit while looking professional.

 75% Cotton, 23% Polyester, 2% Elastane  
 **Black, Navy S,L**



**87g** H 32cm

**SK33**  

### Work Sock-3 Pack

Great value pack of three socks featuring a cushioned sole for wearer comfort and a durable reinforced heel and toe area.

 79% Acrylic, 15% Nylon, 6% Polyester  
 **Black, Grey S,L**



**99g** H 40cm

**SK10**  

### Combat Sock

Workwear sock with cushioned heel and reinforced heel and toe areas for extra comfort.

 40% Wool, 40% Acrylic, 20% Nylon  
 **Black S,L**








### FLO1 Steelite 90cm Shoelace

  300D Polyester  
 **Black, 90cm**  
 **x8**  
 **x24**  
 **12**

**12 pairs per pack**



### FLO2 Steelite 150cm Bootlace

  300D Polyester  
 **Black, 150cm**  
 **x8**  
 **x18**  
 **12**

**12 pairs per pack**

# Insoles

## Cushion Comfort all Day Long



Face down

**FC90**

### Gel Cushioning Insole

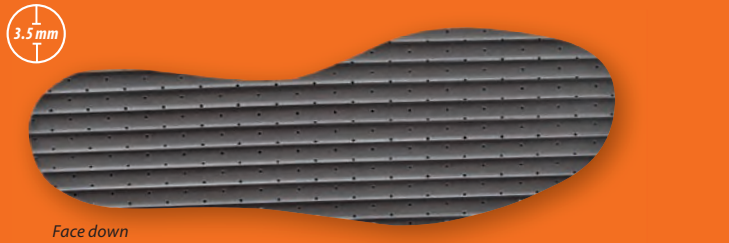
Available in three standard sizes that can be trimmed to fit your ideal shoe size, these gel cushions absorb shocks and help relieve tired aching feet.

50  
25



100% Polymer Gel  
Grey

Small: (Euro:37-39, UK: 4-6, US:5-7)  
Medium: (Euro:40-44, UK: 6.5-10, US:7.5-11)  
Large: (Euro:45-47, UK: 10.5-12, US:11.5-13)



Face down

**FC89**

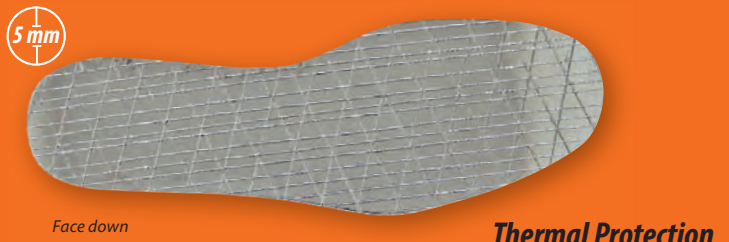
### Thermal Fleece Insole

This thermal insole has a fleece layer to keep your feet warm and a soft latex layer for maximum cushioning to help absorb impact and reduce fatigue.

200  
10



Fleece, Latex  
Black, one size fits all



Face down

**Thermal Protection**

**FC88**

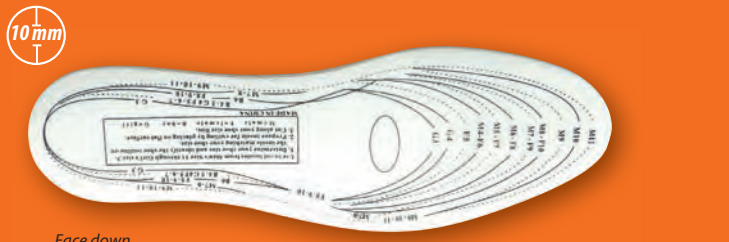
### Thermal Aluminium Insole

Designed to insulate your foot with a special aluminium layer to retain heat and repel cold and a wool/polyester layer for added warmth and comfort.

200  
10



Aluminium, PU, Felt, 30% Wool, 70% Polyester  
Grey, one size fits all



Face down

**FC87**

### Memory Foam Insole

Ergonomically designed insole which moulds to the individual foot shape. Provides all day long comfort and support. Trim to size for the perfect fit.

100  
10



Memory foam, EVA  
White, one size fits all



Face down

**FC86**

### Actifresh Insole

Anti - bacterial treated perforated insole to help keep your feet fresh and clean. Foam cushioned for added comfort. Cut to size.

200  
10



Cotton, Latex  
White, one size fits all



Face up



Face down

### **FC84** Gel Heel Cushion



150

8 mm



Polymer Gel  
Blue, one size fits all

Shock absorbing gel heel cushion providing all day long comfort and support.

# Traction Aids

Stability and Safety in Treacherous Conditions

Suitable for all footwear styles



Tungsten-carbide spike

## FC93 Ice Grips



Constructed using high grade rubber, this traction aid is flexible and will fit over all types of normal work shoes.

Rubber  
 Black Euro 38-45, UK 5-10.5, US 6-11.5



Steel spikes

## FC94 Non Slip Ice Grabber



The easy all round solution for grip in any weather and any shoe or boot.

Rubber  
 Black, L (Euro: 39-43, UK: 6-9, US: 7-10)  
 XL (Euro: 44+, UK: 10+, US: 11+)



Tungsten-carbide spike

## FC95 Everyday Traction Aid



Rubber  
 L/XL (UK: 7/13 Euro: 41-49 US: 8-14)



Tungsten-carbide spike

## FC96 All Purpose Traction Aid



Rubber  
 Small: (Euro:36-39, UK: 3-6, US: 4-7)  
 Medium: (Euro:40-43, UK: 6.5-9, US: 7.5-10)  
 Large: (Euro:44-47, UK: 10-12, US: 11-13)



Tungsten-carbide spike

## FC97 All Purpose Oversized Traction Aid



Rubber  
 UK: 10+, Euro: 44+, US: 11+

# HAND PROTECTION RANGE

A newly expanded range of hand protection styles that caters for all work and safety needs. Only the best materials and manufacture methods are used in the production of this extensive and highly specialised range.

## 136 Styles

- ANTI-IMPACT
- MECHANIC GLOVES
- SPECIALIST
- THERMAL PROTECTION
- CUT RESISTANT
- GENERAL HANDLING RANGE
- CHEMICAL PROTECTION
- ESD GLOVES
- DRIVERS AND RIGGERS
- WELDING
- DISPOSABLE

*All Portwest Hand Protection styles are sold in pairs except the following styles which are sold in singles:*

*A590, A501, A655, A689/A690/A691.*

*The following styles can only be purchased in full cartons:*

*A020, A050, A800, A129.*



# The Complete Portwest Hand Protection Range



**IMPACT**

IMPACT PROTECTION

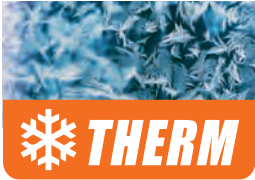
The latest development in glove technology, specially designed gloves to provide protection to hands from impact hazards. These Anti-Impact gloves utilise the latest research in materials technology in order to absorb a maximum amount of force from impacts.



**CHEM**

CHEMICAL PROTECTION

Working environments using hazardous chemicals and substances can be very harmful to workers and the correct protection is a must. Portwest supplies a range of gloves which are fully tested and certified to protect from a range of chemicals.



**THERM**

THERMAL PROTECTION

When cold thermal hazards are present, the hands' motor skills can be greatly reduced, this leads to increased risks of accidents and injury. Specially designed thermal protective gloves are available to combat these hazardous environments.



**PRO**

SPECIALIST HAND PROTECTION

The Portwest Pro range is a combination of highly specialised gloves which have been designed for very specific tasks. The use of these gloves with the right task will perform better than any other glove which has been designed for more general purposes.



**CUT**

PREMIUM CUT PROTECTION

Hand injury is one of the most frequent types of accident reported in the working environment, with cuts and lacerations the biggest concern in this area. Portwest's range of cut resistant gloves gives varying degrees of protection depending on what level is required.



**WORK**

MULTI PURPOSE WORK GLOVES

One of the best selling ranges of gloves globally, the Drivers and Riggers collection houses a large selection of work gloves made from premium genuine and synthetic leather. This affords the user the best in breathability, durability, comfort and dexterity.



**GRIP**

MAXIMUM GRIP GLOVES

The General Handling and Grip Glove category is still one of the most popular collections within Portwest's Hand Protection Range. A carefully selected range of coatings, including Latex, Nitrile, Polyurethane and PVC, provides a broad range of styles suited to a diverse range of tasks.



**WELD**

WELDING PROTECTION GLOVES

Higher levels of protection are needed when a worker is dealing with extremely hot temperatures and heated materials. The Portwest Weld range has an expanding selection of hand protection solutions suitable for all welding and thermal risk.



**HEAT**

HEAT SAFE GLOVES

The Heat Protection range provides hand protection hands against temperatures ranging from 100 degrees to 500 degrees for contact heat, while maintaining exceptional hand dexterity. Trusted to safeguard hands against heat hazards in all work environments.



**ESD**

ANTISTATIC GLOVES

ESD gloves are used to divert static electricity. Surface resistivity is tested according to methods specified in EN1149-1 but test samples must meet the requirements of EN1149-5.



**MECHANIC**

PRECISION GRIP GLOVES

Designed to enhance grip for precision work, this collection protects from a broad range of hazards. The gloves are constructed from highly engineered textiles and offer an extensive selection of colours, lining, and size options. This collection is suitable for mechanic applications, general construction, material handling, carpentry and utility work.



**FOOD SAFE**

FOOD SAFE GLOVES

The Food Safe glove range does not alter food on contact ensuring human health and product composition is protected. The range features disposable and non-disposable working gloves, promoting dexterity, durability and cut protection.



**AQUA**

LIQUID BARRIER GLOVES

The ultimate barrier to water, liquids and non-aggressive substances. The Aqua range includes both highly water resistant and water proof gloves.

## Vend Ready Packaging Now Available Across the Range

# Know your Gloves

## HAND PROTECTION IS CRITICAL - FIND THE RIGHT GLOVE FOR THE JOB

Below we have compiled a guide to help you find and identify the right hand protection for the job. Below is a guide to materials used and the performance factors associated. This will aid in decision making to secure the right hand protection for the job.


GENERAL GLOVE INDUSTRIAL USE:			
DISPOSABLE GLOVES	FABRIC GLOVES	LEATHER GLOVES	CHEMICAL RESISTANCE GLOVES
Disposable gloves, constructed using plastic to protect against mild irritants	Constructed using cotton or fabric material, used to insulate the hands from heat or cold. Used for enhanced grip and handling slippery objects	Leather is a traditional material used to protect against injuries from rough abrasive surfaces. Ideal for use in welding applications.	Manufactured from rubber, neoprene, polyvinyl alcohol or vinyl etc. These gloves protect hands from corrosives, oils, and solvents
			

GLOVES LINER TYPE	
<b>KNITTED</b>	Highly breathable, close fitting with good dexterity
<b>SEAMLESS</b>	Avoids hand irritations due to no seams, increase comfort
<b>SEWN &amp; IMPREGNATED</b>	Available with several types of construction and assembly, mainly cut and sewn. Coating is bound to the fabric for good resistance to abrasion. Sewing and impregnation process allows the manufacturing of thin gloves, for enhanced dexterity
<b>COATED/ DIPPED</b>	Made by dipping a knitted or woven cloth liner into the glove compound - the liner "supports" the compound and adds strength. Compound used enhances the mechanical performance, different compounds are used for different conditions

GLOVE LINER MATERIAL								
COTTON	POLYESTER	NYLON	ACRYLIC	PARA-ARAMID	HPPE	GLASS FIBRE	LEATHER: SMOOTH GRAIN	LEATHER: SPLIT GRAIN
Comfort/ Breathability	Durability	Stretch / Elasticity	Insulation	Cut Resistance / Heat Resistance	High performance Cut Resistance, Comfort, Abrasion Resistance	Cut Resistance	Durable, supple, oil & water repellent	Abrasion Resistance, Durable. Dry grip

DIPPING MATERIAL							
NITRILE	NEOPRENE	NITRILE FOAM	PU	LATEX	PVC	TPR	TPV
Excellent resistance to snag, cut, puncture and abrasion. Dry grip	Dry, wet and oil grip	Oil and wet grip	Good abrasion resistance. Dry grip	Dry and wet grip	Good abrasion resistance. Dry, wet and oily grip	Impact Protection	Impact Protection

CUFF STYLE			
UNSUPPORTED GLOVES	BEADED	STRAIGHT	PINKED
Moulds are dipped directly into a compound material, giving the wearer maximum dexterity. There are two options, unlined or flock-lined with cotton or rayon polyester for improved comfort	Optimise liquid protection with increased cuff strength	Additional length which protects forearm from liquid runoff	Traditional style, improved edge grip for ease of donning and glove removal
			

CUFF STYLE				
SUPPORTED GLOVES	GAUNTLET	KNITWRIST	SAFETY CUFF	SLIP ON CUFF
A liner is dipped into a compound material. This absorbent liner holds provides improved comfort during wear and adds strength and durability to the glove	Additional length which protects forearm (10cm plus)	Securely fits gloves in place and prevent dirt entering the glove	Provides additional wrist protection (7cm in length)	Easy donning, economical design
				

# Glove Size Guide

## Knitting Gauge

This symbol denotes the knitting gauge of the glove liner



Heavy

Fine

## Glove Marking

Product Size: EU 9 | L

Brand: CUT

Performance Levels: EN388 4.5.4.4, CE, CAT II

Product Code: A665

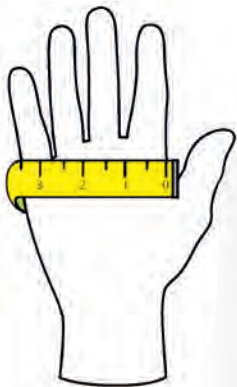
EN Standards that style conforms to: ANSI 6 CUT

RN Number: RN 142543

## Glove & Hand Size Chart as per Standard EN420

Hand Size	6	7	8	9	10	11	12
Palm Circumferences (mm)							
	152	178	203	229	254	279	295
Hand Length (mm)							
	160	171	182	192	204	215	227
Minimal Glove Length (mm)							
	220	230	240	250	260	270	280
Palm Circumferences (inches)							
	6"	7"	8"	9"	10"	11"	12
Hand Length (inches)							
	6-6½	6½-7	7-7½	7½	8	8½	9
Minimal Glove Length (inches)							
Glove Size	8½	9	9½	9½-10	10-10½	10½-11	11 1/2 - 12
	XS 6	S 7	M 8	L 9	XL 10	XXL 11	XXXL 12
Portwest Cuff Colour Code	Purple	Yellow	White	Green	Blue	Red	Black

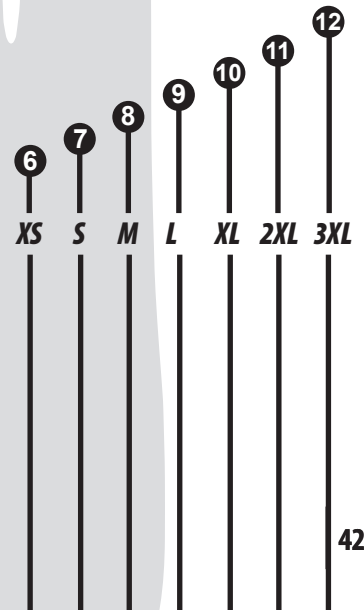
## Choosing The Right Glove Size



### MEASURING GUIDE

Measure the circumference of your hand at the palm using a tape measure. The size chart above, top right, explains which size glove will fit you best.

Place your right hand on the diagram with the line between your thumb and index finger. The line closest to the right side of your hand indicates the best fitting glove size.





# European Hand Protection Standards

## Protective Gloves : General Requirements

### EN 420 2003 + A1: 2009

This standard defines the general requirements for glove design and construction, innocuousness, cleaning instructions, electrostatic properties, sizing, dexterity, water vapour transmission and absorption along with marking and information.

## PROTECTIVE GLOVES AGAINST MECHANICAL RISKS

### EN 388 - 2016

EN388:2003 Standards specifies physical and mechanical aggression caused by abrasion, blade cut, tearing and puncture. EN388:2016 updates the existing standard with this new test method for abrasion, blade cut & impact resistance. EN ISO 13997:1999 (TDM test) records cut results as a Newton value - the force of the blade on the glove material needed to cut through the material 20mm. The results are represented on a scale A-F.

### EN388 2016 Revised Coup Cut Test



#### EN388:2016

- Max 60 Cut cycles
- Cut Test Time x 5

1.3.1.2.E.P

### EN388 2003



#### EN388:2003

- Unlimited Cut cycles
- Cut Test Time x 3

1.3.1.2

1 3 1 2 E P

### REQUIREMENTS

Performance level P  
**IMPACT RESISTANCE**  
Impact-resistant properties to 5J **2016 ONLY**

Performance levels A – F  
**STRAIGHT BLADE CUT RESISTANCE:** **2016 ONLY**  
(TDM cut test) Measures the average load to achieve the moment of cut-though

PERFORMANCE LEVELS 1-4  
**d: PUNCTURE RESISTANCE:**  
Force required to pierce the sample with a standardised punch.

Performance Levels 1-4  
**c: TEAR RESISTANCE:**  
Maximum force required to tear the sample.

Performance Levels 1-5  
**b: BLADE CUT RESISTANCE: (Coup cut test)**  
Number of cycles required to damage the sample at constant speed.

Performance Levels 1-4  
**a: ABRASION RESISTANCE:**  
Number of cycles required to damage the sample at constant speed.

TEST	Level 1	Level 2	Level 3	Level 4	Level 5
Abrasion resistance(- number of cycles)	100	500	2,000	8,000	-
Blade cut resistance (index) Coup test method	1.2	2.5	5	10	20
Tear resistance (N)	10	25	50	75	-
Puncture resistance (N)	20	60	100	150	-

EN ISO 13997:1999 TDM	Level A	Level B	Level C	Level D	Level E	Level F
Cut resistant test levels (N)	2	5	10	15	22	30

## EN407



## Protective Gloves Against Thermal Risks (Heat and/or Fire) EN 407: 2004 (AS/NZS 2161.4)

This standard specifies thermal performance for protective gloves against heat and/or fire. The heat and flame pictogram is accompanied by a 6 digit number.

1 3 1 2 1 2

### REQUIREMENTS

PERFORMANCE LEVELS 1-4  
**f: RESISTANCE TO A LARGE MELTING METAL SPRAY:**  
Amount of spray required to raise the glove to a certain temperature.

PERFORMANCE LEVELS 1-4  
**e: RESISTANCE TO SMALL MELTING METAL SPRAY:**  
Amount of spray required to raise the glove to a certain temperature.

PERFORMANCE LEVELS 1-4  
**d: RESISTANCE TO RADIATING HEAT:**  
Time required to raise a given temperature level.

PERFORMANCE LEVELS 1-4  
**c: RESISTANCE TO CONVECTIVE HEAT:**  
Time during which the glove is able to delay the transfer of heat of a flame.

PERFORMANCE LEVELS 1-4  
**b: RESISTANCE TO CONTACT HEAT:**  
Temperature (within the range of 100C to 500C) at which the person wearing the gloves will not feel any pain (for a period of at least 15 seconds).

PERFORMANCE LEVELS 1-4  
**a: RESISTANCE TO FLAMMABILITY:**  
Time during which the material remains lit and continues to be consumed after the ignition source has been eliminated.

### B: RESISTANCE TO CONTACT HEAT:

PERFORMANCE LEVEL	CONTACT TEMPERATURE (°C)	THRESHOLD TIME (Second)
-		
1	100°C	≥15s
2	250°C	≥15s
3	350°C	≥15s
4	500°C	≥15s

## EN12477



## Protective Gloves For Welders EN 12477: 2001 (AS/NZS 2161.3)

This European Standard specifies requirements and test methods for protective gloves for use in manual metal welding, cutting and allied processes. According to their performance, protective gloves for welders are classified into two types.

- Type A: Lower dexterity (with higher other performance).
- Type B: Higher dexterity (with lower other performance).

## EN ISO 10819



## Protective Gloves: Mechanical Vibration And Shock

### EN 10819: 1996 (AS/NZS 2161.3)

This European Standard specifies a method for the laboratory measurement, the data analysis and reporting of the vibration transmissibility of gloves in terms of vibration transmission from a handle to the palm of the hand in the frequency range from 31.5 Hz to 1250 Hz. The standard is intended to define a screening test for the vibration transmission through gloves.





# European Hand Protection Standards

**EN374**



**AKL**

## Protective Gloves : Against Chemicals And Micro-Organisms (AS/NZS 2161.3)

**EN 374-1: 2003 (AS/NZS 2161 .10.1)**

This European standard specifies the requirements for gloves to protect the user against chemicals and/or micro-organisms and defines terms to be used.

**EN 374-2:2003 (AS/NZS 2161 .10.2)**

This European Standard specifies a test method for the penetration resistance of gloves that protect against chemicals and/or micro-organisms.

**EN 374-3: 2003 (AS/NZS 2161 .10.3)**

This European Standard specifies the determination of the resistance of protective glove materials to permeation by potentially hazardous non-gaseous chemicals under the condition of continuous contact.

**EN374**



Gloves must prove that they are an effective barrier against liquids and micro-organisms.

Performance levels are according to Acceptable Quality Levels (AQL) whereby samples are taken from a batch of gloves and tested during production for pinholes and leaks by either inflation with air or by filling with water.

Gloves must meet at least level 2, to be considered micro-organism resistant. (Level 1 = AQL 4.0) (Level 2 = AQL 1.5) (Level 3 = AQL 0.65)

**EN374**



The "Low Chemical Resistant" or "Waterproof" glove pictogram is to be used for those gloves that do not achieve a breakthrough time of at least 30 minutes against at least three chemicals from the defined list, but which comply with the penetration test.

Code	Chemical	Class
A	Methanol	Primary alcohol
B	Acetone	Ketone
C	Acetonitrile	Nitrile compound
D	Dichloromethane	Chlorinated paraffin
E	Carbon disulphide	Sulphur containing organic compound
F	Toluene	Aromatic hydrocarbon
G	Diethylamine	Amine
H	Tetrahydrofuran	Hetero-cyclic and ether compound
I	Ethyl acetate	Ester
J	n-Heptane	Saturated hydrocarbon
K	Sodium hydroxide 40%	Inorganic base
L	Sulphuric acid 96%	Inorganic Mineral Acid

Passage time measured (min)	Performance index to permeation
> 10	1
> 30	2
> 60	3
> 120	4
> 240	5
> 480	6

**EN1149**

## Protective Clothing: Electrostatic Properties

**EN 1149 - 1:2006**

This European Standard specifies a test method for materials intended to be used in the manufacturing of electrostatic dissipative protective clothing (or gloves) to avoid incendiary discharge. This test method is not applicable for materials to be used in the manufacturing of protection clothing or gloves against mains voltages.

**EN 1149 - 5:2008**

## Protective Clothing - Electrostatic Properties - Part 5. Material Performance and Design Requirements.

This European standard is part of a series of standards for test methods and requirements for electrostatic properties of protective clothing. The standard specifies material and design requirements for garments used as part of a total earthed system, to avoid incendiary discharges. The requirements may not be sufficient in oxygen enriched flammable atmospheres. This standard is not applicable for protection against mains voltages.



### ESD GLOVES

ESD gloves are used to divert static electricity. Surface resistivity is tested according to methods specified in EN1149-1 but test samples must meet the requirements of EN1149-5.



### CE Food Safe

European legislation with respect to Food Contact Materials (Directive EC1935/2004) requires that food contact materials shall not transfer their ingredients to food and must not modify the organoleptic properties (ie. colour, smell, texture and taste) of the food. Products intended for food contact shall be labelled as such.

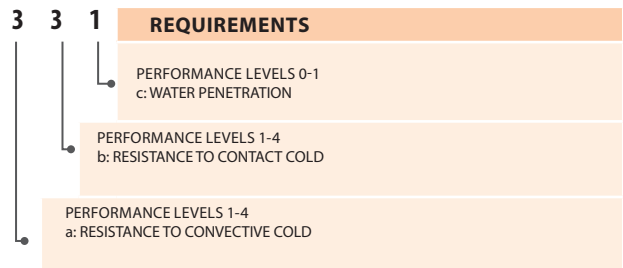
**EN511**



## Protective Gloves Against Cold

**EN 511:2006 (AS/NZS 2161.5)**

The European Standard specifies the requirements and test methods for gloves which protect against conductive cold down to -50 degrees Celsius. This cold can be linked to the climate conditions or an industrial activity.



**EN381**



**CLASS 1**

## Protective Gloves : For Users Of Hand Held

### Chainsaws

**EN 381-7: 1999**

This European Standard specifies the requirements for gloves for resistance to cutting by a chainsaw when assessed by the test method described in EN381-4. The requirements are also given for marking and for the provision of information to be supplied by the manufacturer including criteria for the selection of appropriate gloves and instructions for use.

Class	0	1	2	3
Maximum chain speed (m/s)	16m/s	20m/s	24m/s	28m/s

# Hand Protection Standards Explained

## AS/NZS 2161

### AUSTRALIA/STANDARDS NEW ZEALAND Occupational protective gloves:

This Standard sets out recommendations to achieve hand protection against hazards experienced in the workplace. It gives guidance on the following: selection, use, maintenance, the safe and hygienic practices to be followed in the decontamination/cleaning, storage and reissue of gloves to maintain the performance as appropriate.

Australian Standards - Gloves	EN Standards Gloves
AS/NZS 2161.1	N/A
AS/NZS 2161.2:	EN420
AS/NZS 2161.3	EN388
AS/NZS 2161.4	EN407
AS/NZS 2161.5	EN511
AS/NZS 2161.8	EN421
AS/NZS 2161.9	EN ISO 10819
AS/NZS 2161.10.1	EN374-1
AS/NZS 2161.10.2	EN374-2
AS/NZS 2161.10.3	EN374-3

## ANSI/ISEA 105 - 2011

### American National Standard for Hand Protection

This standard addresses the classification and testing of hand protection for specific performance properties related to chemical and industrial applications. Hand protection includes gloves, mittens, partial gloves, or other items covering the hand or a portion of the hand that are intended to provide protection against or resistance to a specific hazard.

## 5.1 Mechanical Protection

### 5.1.1 Cut Resistance

The new ASTM F2992-15 test method ensure uniform testing and compares gram scores for a given material. The sample is cut by a straight-edge blade, under load, that moves along a straight line. The sample is cut five times each at three different loads, a new blade is used for each cut and the data is used to determine the required load to cut through the sample at a specified reference difference. This is referred to as the cutting force, which is then equated to a cut level.

Table 1 Classification for Cut Resistance

Level	Load (grams)
-	<200
A1	201-499
A2	500-999
A3	1000-1499
A4	1500-2199
A5	2200-2999
A6	3000-3999
A7	4000-4999
A8	5000-5999
A9	>6000

## 5.1.2 Puncture Resistance

When tested in accordance with Clause 6.4 of EN 388:2003 Protective gloves against mechanical risks, the gloves resistance against puncture shall be classified against the levels listed in Table 2, using the puncture force.

The average of a minimum of 12 specimens shall be used to report the classification level.

Table 2. Classification for Puncture Resistance

Level	Table 2. Classification for Puncture Resistance Level : Puncture (Newtons)
0	<10
1	≥ 10
2	≥ 20
3	≥ 60
4	≥ 100
5	≥ 150

## 5.1.3 Abrasion Resistance

When tested in accordance with ASTM D3389-05, Standard Test Method for Coated Fabrics Abrasion Resistance or ASTM D3884-09, Standard Guide for Abrasion Resistance of Textile Fabrics (Rotary Platform, Double-Head Method), the gloves abrasion resistance shall be classified against the levels listed in Table 3 using the number of abrasion cycles to failure (test endpoint). These test methods shall be followed using H-18 abrasion wheels with a 500 gram load for levels 0 to 3 and a 1000 gramme load for levels 4 to 6. Using ASTM D3389-05 for coated glove fabrics or unsupported gloves, the end point at which the glove material is determined to fail shall be at the number of abrasion cycles just before the film or coating has a hole abraded through it. Using ASTM D3884-05 for coated glove fabrics, the end point shall be when the first thread or yarn is broken. The average of a minimum of 5 specimens shall be used to report the classification level.

Table 3. Classification for Abrasion Resistance

Level (tested at 500g load) :	Abrasion cycles to fail
0	<100
1	≥ 100
2	≥ 500
3	≥ 1000
Level (tested at 1000g load)	
4	≥ 3000
5	≥ 10,000
6	≥ 20,000

## 5.4 Heat and Flame Protection

### 5.4.1 Ignition Resistance and Burning Behaviour (or After-Flame Time)

When tested in accordance with ASTM F1358-08, Test Method for Effects of Flame Impingement on Materials Used in Protective Clothing Not Designated Primarily for Flame Protection, the glove materials ignition resistance and burning behaviour shall be classified against the levels listed in Table 6, using ignition time and burn time. In order to be classified at a specific level, the glove material shall meet each of the criteria at that specific level. The average of a minimum of 3 specimens shall be used to report the classification level.

## 5.6 Dexterity

When tested in accordance with EN420:2003, Protective gloves- General requirements and test methods, clause 6.2, the dexterity shall be classified against the levels in Table 9, using smallest diameter of the pin that can be picked up. The average of 4 pairs of gloves shall be used to report the classification level.

Table 9. Classification of Dexterity

Level	Smallest diameter of pin fulfilling test conditions (mm)
1	11
2	9.5
3	8
4	6.5
5	5

Table 6. Classification for Ignition Resistance and Burning Resistance

Level	Time Exposed to Flame (s)	After-Flame time (s)
0	3	> 2
1	3	≤ 2
2	12	> 2
3	12	≤ 2
4	no ignition in either 3 or 12 second exposure period	

## 5.4.3 Conductive Heat Resistance

When tested in accordance with ASTM F1060-08 Test Method for Thermal Protective Performance of Materials for Protective Clothing for Hot Surface Contact, the gloves conductive heat resistance shall be classified against the levels listed in Table 8. Classification of glove performance shall be based on the contact (surface) temperature at which both the time-to-second degree burn is equal to or greater than 15 seconds, and the alarm time is greater than 4 seconds. The average of a minimum of 5 specimens shall be used to report the classification level.

Table 8. Classification for Conductive Heat Resistance

Level	Highest contact temperature(°C) at which both time-to-2nd degree burn > 15 seconds and alarm time > 4 seconds
0	< 80
1	80
2	140
3	200
4	260
5	320

**PORTWEST**



**VEND**

# The Vend Ready Packaging Solution



- ✓ Save time and money
- ✓ Improve usage monitoring and control
- ✓ Improve inventory management
- ✓ Improve restocking inefficiencies
- ✓ Build your brand with customised packaging



Front



Back

## Vending styles



VA120 469



VA310 456



VA620 441



VA198 466



VA199 467



VA622 441



VA350 459

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**PW NANO 6000**  
Advanced Nano-Tech Protection

**Ground Breaking  
Protection**

**AP62  
AP02**



**Portwest are delighted to bring to the market the latest innovation glove fabric technology.**

The PW Nano 6000 range have been developed with a revolutionary coating which makes the glove super hydrophobic and oleophobic. This creates an impenetrable barrier between the glove and the underlying surface, from water, oil and other liquids. This barrier is unlike anything ever seen before and is revolutionary in the glove industry. In addition to the proprietary Nano Technology the PW Nano 6000 range also offers superior abrasion resistance allowing it to be used in a variety of tasks.



**Super-Liquid-Repellent and Highly-Oil-Repellent surface designed for todays work environments.**

With the combination of a chemical and physical approach, a specially formulated agent has been developed to deliver an innovative range of gloves which keep hands dry and protected.

426 | **Nanotexture Technology Enables Liquid to  
Bounce Off the Surface, Preventing Penetration**

# NANO

# PW NANO 6000

## AP02

### Thermo Pro Ultra

EN 420, EN 388, EN 511  
AS/NZS 2161 .2, AS/NZS 2161 .3  
AS/NZS 2161 .5

Using innovative technology this glove repels water and heavy oils. Liquid placed on this glove rolls off, protecting the underlying surface. The twin liner traps heat and allows breathability. Sandy palm finish gives improved grip.

 Nitrile, Nitrile Sandy  
 Orange/Black S/7-XXL/11

## NANO

## GRIP

## THERM



4.2.4.2. X.3.X



Twin liner traps in heat through increased insulation



**Revolutionary fabric** unlike anything ever seen before in the glove industry

## AP62

### Dermiflex Aqua Glove

EN 420, EN 388  
AS/NZS 2161 .2, AS/NZS 2161 .3

Using innovative technology this glove repels liquid and heavy oils. Liquid placed on this glove rolls off, protecting the underlying surface. Super light weight nitrile dipped palm, with a elastane liner provides enhanced comfort and grip.

 Nylon, Elastane, Nitrile Foam  
 Grey S/7-XXL/11

## NANO

## GRIP



4.1.2.1



# Fully Coated for Optimum Liquid Repellency



**A722**

**Anti Impact Cut Resistant 5 Glove - Nitrile**

EN 420, EN 388, EN 388: 2016  
ANSI/ISEA 105 - 2011  
AS/NZS 2161 .2, AS/NZS 2161 .3

Combining comfort, grip, impact and cut resistance in a comfortable seamless liner. Flexible PVC impact pods for maximum durability. Reinforced thumb crotch. Suitable for heavy duty applications.

TPR, Glass fibre, HPPE, Polyester, Nitrile  
Grey/Black S/7-3XL/12



ANSI/ISEA 105-2011 Cut Level 4

EN388 2003 4.5.4.3

EN388 2016 4.4.4.3.E.X

72/12 CE 13



**A723**

**TPV Impact Cut Glove**

EN 420, EN 388, EN 388: 2016  
AS/NZS 2161 .2, AS/NZS 2161 .3

This cut 5 glove has an added layer of protection, using an innovative TPV back protection, it offers impact resistance and high flexibility. The nitrile micro foam palm gives superior grip and protection against liquids and water penetration. Ergonomic design for optimised comfort.

TPV, HDPE, Nitrile Foam  
Grey/Black M/8-XXL/11



EN388 2003 4.5.4.2

EN388 2016 4.4.4.3.C.P.

96/12 CE 13

Hand injury is one of the most common and frequent complaints in the workplace. This range of gloves provides vital protection against impact to the hand from multiple hazards.

## A724

### Safety Impact Glove Unlined

EN 420, EN 388  
ANSI/ISEA 105 - 2011  
AS/NZS 2161 .2, AS/NZS 2161 .3

## A725

### Safety Impact Glove Lined

EN 420, EN 388, EN 511  
ANSI/ISEA 105 - 2011  
AS/NZS 2161 .2, AS/NZS 2161 .3, AS/NZS 2161 .5

Supreme protection, heavy multi-function glove with advanced impact proof technology. Greatly reduces risk of work injury to the hand. Suited to a wide variety of industries. Oil and water resistant palm. Comes in a thermal lined or unlined option.

Synthetic Leather, Elastane, Neoprene, PVC  
 Yellow with reflective trim L/9-XL/10

## Best Seller



**PORTWEST**  
**INSULATEX**  
Thermal Insulation  
100gm

IMPACT

THERM



4.3.3.2

1.2.X

Abrasion Level 3

## A726

### Aqua-Seal Pro Glove

EN 420, EN 388, EN 511  
ANSI/ISEA 105 - 2011  
AS/NZS 2161 .2, AS/NZS 2161 .3, AS/NZS 2161 .5

The Aqua-Seal Pro is 100% waterproof and offers comprehensive protection for the hand against multiple hazards. TPR protective pods across the back of the hand provides protection against impact risks to the hand. A 100 gram Insulutex lining gives excellent thermal insulation properties.

Synthetic Leather, Elastane, Neoprene, Insulutex, PVC, TPR  
 Orange/Blue L/9-XL/10



**PORTWEST**  
**INSULATEX**  
Thermal Insulation  
100gm

INSULATEX is a trademark of Portwest.

IMPACT

AQUA

THERM



4.3.3.2

2.2.1

Abrasion Level 3

# IMPACT

A721

## Anti Impact Grip Glove - Nitrile

EN 420, EN 388  
ANSI/ISEA 105 - 2011  
AS/NZS 2161 .2, AS/NZS 2161 .3

The new generation of working gloves offering maximum grip with maximum impact protection. Abrasion resistant nitrile foam coating provides exceptional grip for water, grease and oil contact. Lightweight and breathable seamless liner with Hook & Loop strap for secure fit all day long.

TPR, Polyester, Nitrile  
Yellow/Orange S/7-3XL/12



# IMPACT

# GRIP

EN388  
2003  
ANSI/ISEA  
105-2011  
Abrasion Level 4 4.2.4.1  
96  
12  
CE  
13

A720

## Impact - High Performance Glove

EN 420, EN 388  
AS/NZS 2161 .2, AS/NZS 2161 .3

The Impact glove features a fully padded leather palm ensuring total comfort for the wearer. Rubber knuckle protection, padded palm protection and a reinforced thumb makes this glove tough enough to tackle the most demanding job.

Synthetic Leather, Rubber,  
Elastane, Neoprene  
Grey/Blue M/8-XL/10



# IMPACT

# GRIP

EN388  
2003  
144  
12  
CE  
2.1.3.1



## A290 Oak Chainsaw Protective Glove (Class 0)

EN 420, EN 388, EN 381-7  
AS/NZS 2161 .2, AS/NZS 2161 .3



Designed to offer maximum protection and comfort whilst performing chainsaw tasks. Protective material in the left glove only to EN381-7 Class 0, 16m/s.

60% Full-Grain Leather, 25% Polyester,  
10% Polyethylene, 5% Elastic  
 Orange L/9-XL/10

*Oak Chainsaw protective clothing available on pg 258*



3.1.2.3. CLASS 0

## A790 Anti Vibration Glove

EN 420, EN 388, EN 10819  
ANSI/ISEA 105 - 2011  
AS/NZS 2161 .2, AS/NZS 2161 .3



Specially designed to reduce the effects of impact and vibration. Excellent levels of comfort and dexterity when using powertools, jack hammers, concrete breakers etc.

50% Cotton, 45% Nylon, 5% Rubber Chloroprene  
 Black M/8-XL/10



X.3.4.3

TR<sub>H</sub>=0.62  
TR<sub>V</sub>=0.55

Cut Level 4

## A795 Hammer-Safe Glove (Right) - Latex

## A796 Hammer-Safe Glove (Left) - Latex

EN 420, EN 388  
AS/NZS 2161 .2, AS/NZS 2161 .3



Special construction around the thumb crotch and index finger area adds shock absorbent impact resistance. This item is ideal for hammering nails/stakes and any similar activities.

A795 (Right) - For use by right handed people, protective area is on the left glove.  
A796 (Left) - For use by left handed people, protective area is on the right glove.

Polycotton, Latex  
 Grey L/9-XL/10



3.1.3.1



### A700 General Utility – High Performance Glove

EN 420, EN 388  
AS/NZS 2161 .2, AS/NZS 2161 .3

This high-performing, hand-hugging glove is multi-purpose and suitable for any job. Lightweight for the wearer, this glove has durability built in and features reinforced stitching on the thumb for extra strength with wrist support and protection.

Synthetic Leather, Elastane  
 Black M/8-XXL/11, Orange/Black M/8-XL/10



EN388  
2003

144  
12



2.1.3.1



### A710 Tradesman – High Performance Glove

EN 420, EN 388,  
ANSI/ISEA 105 - 2011  
AS/NZS 2161 .2, AS/NZS 2161 .3

Designed and created with heavy duty protection in mind, the Tradesman offers a high level of comfort when working. Built in sweat wipe, knuckle padding and reinforcement stitching on the palms, fingers and thumbs. Hi-Vis fabric and reflective tape conforms to EN ISO 20471.

Synthetic Leather, Rubber, Elastane, Neoprene  
 Black M/8-XXL/11  
Hi-Vis Yellow M/8-XL/10



ANSI/ISEA  
105-2011

Abrasion Level 3

EN388  
2003

144  
12



2.1.3.1



### A740 Powertool Pro - High Performance Glove

EN 420, EN 388,  
ANSI/ISEA 105 - 2011  
AS/NZS 2161 .2, AS/NZS 2161 .3

Combining comfort, durability, impact resistance and stylish design, the Powertool Pro is ideal for tradesmen working with powertools and small components.

Synthetic Leather, Rubber, Elastane, Neoprene  
 Black, Navy M/8-XL/10



ANSI/ISEA  
105-2011

Abrasion Level 2

EN388  
2003

144  
12



2.1.3.1



### A730 Supergrip - High Performance Glove

EN 420, EN 388  
AS/NZS 2161 .2, AS/NZS 2161 .3

Designed for maximum grip performance. This glove has an extra grip silicon covered palm with reinforced thumb and breathable sidewalls.

Synthetic Leather, Silicone, Elastane  
Black/Yellow Trim M/8-XL/10



Supergrip - High Performance Glove



EN388  
2003



3.1.2.1



### A735 Comfort Grip - High Performance Glove

EN 420, EN 388  
AS/NZS 2161 .2, AS/NZS 2161 .3

Designed to give a high performance grip with added comfort, using a silicone cross hatch on the palm with reinforced thumb and breathable sidewalls.

Synthetic Leather, Silicone, Elastane  
Orange/Grey M/8-XL/10



Grip high performance gloves



EN388  
2003



3.1.3.1



NEW

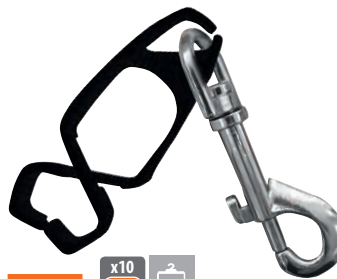
### A002

x18  
40

#### Metal Free Glove Clip

This moulded glove clip is engineered using dielectric material, which is non-conductive, and non-corrosive. The large 20cm claw attached to most PPE and has a max strength of 6kg. The glove clip comes with a safety breakaway to prevent entanglement.

Acetyl, Santaprene  
Black, Hi-Vis Yellow



### A001

x10  
40

#### Glove Clip

The convenient way to hold on to your gloves, never worry about losing them again.

Acetal Copolymer  
Black, Red



**THERM**

The European Standard specifies the requirements and test methods for gloves which protect against conductive cold down to -50 degrees Celsius. This cold can be linked to the climate conditions or an industrial activity.



# Thermal Hand Protection



## Protection Against Extreme Cold

**A140 Thermal Grip Glove - Latex**  
 EN 420, EN 388, EN 511  
 ANSI/ISEA 105 - 2011,  
 AS/NZS 2161 .2, AS/NZS 2161 .3, AS/NZS 2161 .5



The Thermal Grip Glove is perfect for construction, transportation, refuse collection, maintenance and local authority work. This glove has a warm acrylic 10 gauge liner and is ideal for more heavy duty, outdoor tasks or those people working in cold conditions.

- Acrylic, Latex
- BK - Yellow XS/6 - XXL/11
- E8 - Green/Black M/8 - XXL/11
- B8 - Blue/Black M/8 - XXL/11
- K8 - Black/Black M/8 - XXL/11
- OR - Orange M/8 - XXL/11





Cut Level 1	1.1.4.2	X.1.X			

### A143 Thermal Soft Grip Glove - Latex Foam

EN 420, EN 388, EN 511  
AS/NZS 2161 .2, AS/NZS 2161 .3,  
AS/NZS 2161 .5

Great for cold environments, this style is dipped with foamed latex offering extreme breathability, soft to the touch and provides superior grip performance in wet or dry conditions.



 Acrylic, Foam Latex  
 Orange/Black, Yellow/  
Black M/8-XL/10

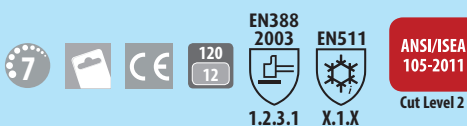


### A145 Cold Grip Glove - Latex

EN 420, EN 388, EN 511,  
ANSI/ISEA 105 - 2011  
AS/NZS 2161 .2, AS/NZS 2161 .3  
AS/NZS 2161 .5

Specially designed for use in cold conditions. The crinkled latex finish offers excellent grip and the warm acrylic 7 gauge liner offers protection against cold hazards in extreme conditions.

 Acrylic, Latex  
 Orange/Blue, Yellow/  
Blue M/8-XXL/11



Fully Dipped Thumb



### A146 Arctic Winter Glove - Nitrile Sandy

EN 420, EN 388, EN511  
ANSI/ISEA 105 - 2011  
AS/NZS 2161 .2, AS/NZS 2161 .3, AS/NZS 2161 .5

The latest development in hand protection. Twin liner traps in heat with a 3/4 dipping to keep hands dry. Soft nitrile foam dipping offers full protection to the fingers. Open back for breathability.

Nylon, Nitrile Sandy  
 Black L/9-XXL/11  
 Yellow/Black M/8-XXL/11



### Best in Class for Resistance to Contact Cold

THERM

GRIP

ANSI/ISEA 105-2011

Cut Level 2

EN388 2003

4.1.4.1

EN511

0.2.X

144 12



Double dipping

### A185 Duo-Therm Glove - Latex

EN 420, EN 388, EN 511  
AS/NZS 2161 .2, AS/NZS 2161 .3, AS/NZS 2161 .5

The A185 uses the latest techniques to produce an excellent and durable glove. An extra layer of wrinkled latex is added to the 'high-wearing' fingertip areas of the glove only, which improves grip and durability, while reducing hand fatigue. The thermal liner provides added warmth for the hand.

Polyester, Latex  
 Orange/Blue, Yellow/Blue M/8-XXL/11



### Reduces Hand Fatigue

THERM

GRIP

EN388 2003

2.2.4.1

EN511

0.2.X

192 12

### A450 Weatherproof Hi - Vis Glove - PVC

EN 420, EN 388, EN 511  
AS/NZS 2161 .2, AS/NZS 2161 .3, AS/NZS 2161 .5

Designed for use in the most demanding conditions. Insulated liner and knitwrist keeps hands warm and dry. Tough double dipped PVC coating prevents oil, grease and water penetration.




 PVC, Foam, Cotton  
 Orange XL/10

### Contact Cold Level 2

 THERM

 AQUA

 GRIP

EN388  
2003 EN511  
  96  
6 CE   
3.1.2.1 1.2.1



### A460 Glue-Grip Glove - PVC

EN 420, EN 388, EN 511  
AS/NZS 2161 .2, AS/NZS 2161 .3, AS/NZS 2161 .5



In cold conditions, warmth and secure grip are crucial, the 'Glue-Grip' houses a three layer thermal system which provides excellent thermal properties. The PVC coating makes this a very durable glove and also provides excellent grip properties.

 PVC, Canvas, Cotton  
 Orange XL/10-XXL/11

 THERM

 AQUA

 GRIP

EN388  
2003 EN511  
  72  
6 CE  
3.1.1.1 1.2.1





A245

THERM

GRIP



### Antarctica Insulatex Glove

EN 420, EN 388, EN 511  
AS/NZS 2161 .2, AS/NZS 2161 .3, AS/NZS 2161 .5

Premium quality cow grain leather knitwrist glove with Insulatex lining for enhanced warmth. Suitable for coldstore applications.

 Cow Grain Leather, Cotton, Insulatex  
 Tan L/9-XL/10

PORTWEST  
 Thermal Insulation  
100gm

EN388 2003 EN511  
  84 12 CE  
2.1.2.2 1.2.0



A750

THERM

AQUA

### Siberia Cold Store Glove

EN 420, EN 388, EN 511  
AS/NZS 2161 .2, AS/NZS 2161 .3, AS/NZS 2161 .5

Specially designed for use in cold store environments when handling dry objects. 100% waterproof with Insulatex lining for warmth. Nitrile palm for excellent abrasion resistance. Skin friendly - Chrome and Azo dye free.

PORTWEST  
 Thermal Insulation  
100gm

 Nitrile, Polyester, Insulatex,  
Waterproof Membrane  
 Brown/Grey L/9-XL/10

Cold Store  
Protective  
Clothing  
Available on  
page 346

100%  
Waterproof

EN388 2003 EN511  
  72 12  CE  
3.4.2.2 4.3.1



A225 478

Fleece Lined  
Rigger  
Glove

LINING



A271 477

Lined Driver  
Glove

LINING  
PORTWEST  
 Thermal Insulation  
100gm

INSULATEX is a trademark of Portwest.



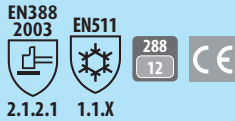
### A280

#### Wintershield Glove

EN 420, EN 388, EN 511  
AS/NZS 2161 .2, AS/NZS 2161 .3,  
AS/NZS 2161 .5

A durable and comfortable thermal glove, the Wintershield is fleece lined and made from the most hi-tech man made leather in the textile industry, ensuring maximum comfort and warmth for the wearer.

 **Synthetic Leather, Fleece**  
 **Black/Orange M/8-XL/10**



### A115

#### Thermal Liner

CE CAT 1

13g thermal knitted liner suitable for use in cold conditions. Elasticated wrist for secure fit and comfort. Coral gaps in the fiber structure retains heat and makes it lighter. Ideal as an under glove.

 **Polyester**  
 **Navy XL/10**



### A116

#### Thermal Liner Polka Dot Glove

CE CAT 1

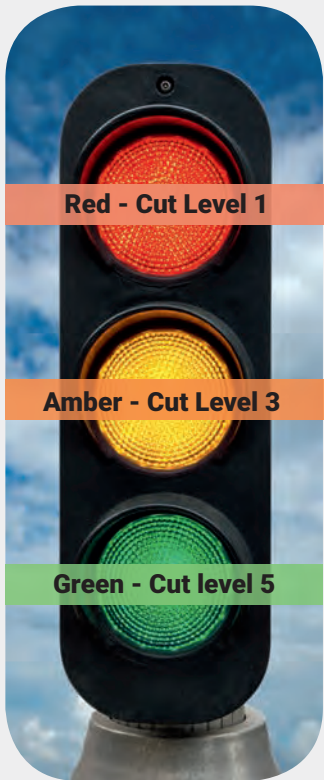
Ideal for use in cold, dry environments. Soft, thermal lining provides warmth and comfort. Coral gaps in the fiber structure retains heat and makes it lighter. PVC dots ensure maximum grip. Ideal as an under glove.

 **Polyester, PVC**  
 **Navy XL/10**



# CUT

The Portwest Sharp color code system uses 3 colors to clearly identify the cut level of protection these three gloves can provide. The advantage of this system means that health and safety officers can determine if a worker is using the correct level of cut PPE for a particular job. They can conveniently do this from a distance just by identifying the colour of the gloves worn. This colour code system is a great system that more and more work environments are now implementing and specifying when purchasing cut protection gloves.



Red - Cut Level 1

Amber - Cut Level 3

Green - Cut level 5



**CUT 1**  
**GRIP**

**A641**

### Red Cut 1 -PU

EN 420, EN 388, EN 388: 2016  
ANSI/ISEA 105 - 2011  
AS/NZS 2161 .2, AS/NZS 2161 .3

A standard liner for minimal risk tasks, this glove achieves a cut level 1 under EN 388. The PU coating provides increased abrasion resistance.

**HDPE, Glass fibre, PU**  
**Red/Black M/8-XL/10**

ANSI/ISEA  
105-2011  
Cut Level 1

EN388  
2003  
4.1.2.1.

EN388  
2016  
2.0.2.1.X.X

144  
12  
CE

13

**FOOD SAFE**



**CUT 3**  
**GRIP**

**A643**

### Amber Cut 3 -Nitrile Foam

EN 420, EN 388, EN 388: 2016  
ANSI/ISEA 105 - 2011  
AS/NZS 2161 .2, AS/NZS 2161 .3  
CE FOOD SAFE

A level 3 cut resistant liner for moderate cut protection and nitrile foam dipping for enhanced grip.

**HDPE, Glass fibre, Nitrile Foam**  
**Amber M/8-XL/10**

ANSI/ISEA  
105-2011  
Cut Level A2

EN388  
2003  
4.3.4.2.

EN388  
2016  
4.2.4.2.B.X

144  
12  
CE

13

40°

**FOOD SAFE**



**CUT 5**  
**GRIP**

**A645**

### Green Cut 5 -Nitrile Foam

EN 420, EN 388, EN 388: 2016  
ANSI/ISEA 105 - 2011  
AS/NZS 2161 .2, AS/NZS 2161 .3  
CE FOOD SAFE

An extremely comfortable glove which offers the maximum cut level achievable under EN388, which falls under the Green section of the new cut colour system.

**HDPE, Glass fibre, Nitrile Foam**  
**Green S/7-XL/10**

**IMPROVED**

ANSI/ISEA  
105-2011  
Cut Level A4

EN388  
2003  
4.5.4.4.

EN388  
2016  
4.4.4.4.D.X

144  
12  
CE

13

40°

**VA620** 288 24 **VEND**

## Vending Cut 3 PU Palm Glove

Grey XS/6-XXL/11



**A620**

### Cut 3 PU Palm Glove

EN 420, EN 388, EN 388: 2016, EN 407  
ANSI/ISEA 105 - 2011  
AS/NZS 2161 .2, AS/NZS 2161 .3,  
AS/NZS 2161 .4

Combining cut resistance, comfort, dexterity and grip in a seamless PU palm dipped liner.

**HPPE, Glass fibre, PU**  
 Grey XS/6-XXL/11, White/White XS/6-XL/10



Cut Level A1	4.3.4.1.	4.2.4.1.B.X	X.1.X.X.X			

**VA622** 288 24 **VEND**

## Vending Cut 5 PU Palm Glove

Grey M/8-XXL/11



**A622**

### Cut 5 PU Palm Glove

EN 420, EN 388, EN 388: 2016, EN 407  
ANSI/ISEA 105 - 2011  
AS/NZS 2161 .2, AS/NZS 2161 .3, AS/  
NZS 2161 .4

Level 5 cut resistant glove for maximum protection against cuts and sharp objects. Seamless liner for added comfort and dexterity.

**HPPE, Glass fibre, PU**  
 Grey S/7-XXL/11



Cut Level A3	4.5.4.3.	4.4.4.3.D.X	X.1.X.X.X.X			



**CUT 3**

**GRIP**

**Reinforced protection for thumb crotch area**



**AP32**

### Dexti Cut Pro Glove

EN 420, EN 388, EN 388: 2016  
AS/NZS 2161 .2, AS/NZS 2161 .3

A highly dexterous glove with a cut 3 seamless liner, ideal for prolonged use and preventing hand fatigue. The sandy palm nitrile coating gives excellent grip. This glove also features a reinforced thumb crotch for added durability in that high-wear area.

 **HPPE, Nitrile, Nitrile Sandy**  
 **Black/Grey S/7-XXL/11**



4.3.3.2 4.2.3.2.B.X.



**CUT 5**

**AQUA**

**GRIP**



**AP50**

### Aqua Cut Pro Glove

EN 420, EN 388, EN 388: 2016  
AS/NZS 2161 .2, AS/NZS 2161 .3

The fully coated Aqua Cut Pro glove offers maximum cut resistance. The first coat is a smooth nitrile and the second coat is foam nitrile, providing a secure grip and a barrier against contaminants. Elastic wrist cuff provides a secure snug fit.

 **HPPE, Nitrile, Nitrile Foam**  
 **Blue/Black S/7-XXL/11**



4.5.4.4 4.4.4.4.C.X.



**CUT 5**

**GRIP**

**Reinforced protection for thumb crotch area**



**AP52**

### Dexti Cut Ultra Glove

EN 420, EN 388, EN 388: 2016  
AS/NZS 2161 .2, AS/NZS 2161 .3

This seamless constructed cut 5 glove is engineered using HPPE yarn with a sandy palm nitrile coating. This glove also features a reinforced thumb crotch for added durability in that high-wear area.

 **HPPE, Nitrile, Nitrile Sandy**  
 **Blue/Black S/7-XXL/11**



4.5.4.2 4.4.4.2.C.X.

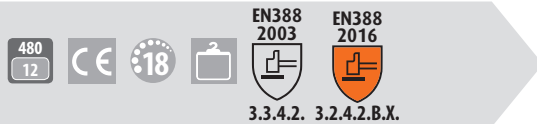
## AP31

### Senti Cut Lite Glove

EN 420, EN 388, EN 388: 2016  
AS/NZS 2161 .2, AS/NZS 2161 .3

The lightweight 18 gauge cut 3 liner boast superior dexterity offering a "second skin" feel. The PU palm coating offers secure grip in dry and light oily handling environments. This glove is extremely hardwearing with a soft breathable liner. Elastic knitted cuff provides a secure and comfortable fit.

**HDPE, PU**  
 **Grey S/7-XXL/11**



## A665

### Advanced Cut 5 Glove

EN 420, EN 388, EN 388: 2016  
ANSI/ISEA 105 - 2011  
AS/NZS 2161 .2, AS/NZS 2161 .3

Maximum EN cut protection level glove with nitrile foam coating for excellent grip in wet and dry conditions. Palm dipped to increase dexterity and ventilation. Seamless 13 gauge liner. ANSI cut level A6.

**HDPE, Glass fibre, Nitrile Foam**  
 **Grey/Black M-XXL**



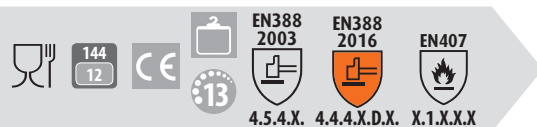
## A688

### Pro Cut Liner Glove

EN 420, EN 388, EN 388: 2016, EN 407  
AS/NZS 2161 .2, AS/NZS 2161 .3, AS/NZS 2161 .4

High performance liner with excellent cut resistance. This glove offers maximum abrasion performance and can withstand heat up to 100°C

**HPPE**  
 **Hi-Vis Yellow M/8-XXL/11**





**A621**

**CUT 5**

**HEAT**

**GRIP**

**Cut 5 3/4 Nitrile Foam Glove**

EN 420, EN 388, EN 388: 2016, EN 407  
ANSI/ISEA 105 - 2011

AS/NZS 2161 .2, AS/NZS 2161 .3, AS/NZS 2161 .4

Supreme cut resistance combined with superb grip in oily conditions. 3/4 nitrile foam dipping absorbs oil keeping hands clean and dry to ensure secure handling.



HPPE, Glass fibre, Nitrile Foam  
Black S/7-XXL/11



Cut Level A3



X.1.X.X.X.X



4.5.4.3.



4.4.4.3.D.X



## Combining the Best in Chemical and Cut Resistance



**AP91**

**CUT 5**

**CHEM**

**AQUA**

**GRIP**

**Chemdex Pro Glove**

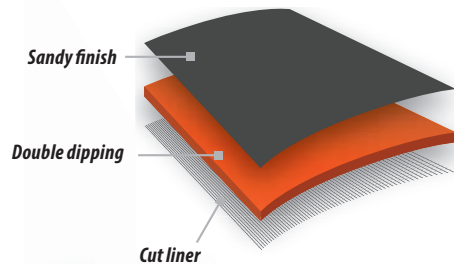
EN 420, EN 388, EN 388: 2016,  
EN 374-1, EN 374-2

AS/NZS 2161 .2, AS/NZS 2161 .3

AS/NZS 2161 .10.1, AS/NZS 2161 .10.2

Designed using high-performing PVC, combined with a para-aramid liner, this glove offers exceptional cut and chemical resistant protection. The sandy finish enhances the grip especially in wet and oily environments. The extended gauntlet cuffs provide forearm coverage.

Para-Aramid, PVC, PVC Sandy  
Orange/Black M/8-XXL/11



3.5.3.1



3.4.3.1.C.X



J.K.L.



## A625

### Vis-Tex5 Cut Resistant Glove - PU

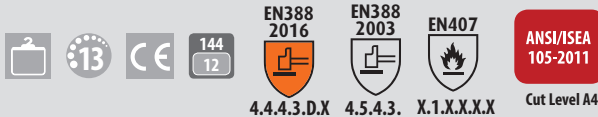
EN 420, EN 388, EN 388: 2016, EN 407

ANSI/ISEA 105 - 2011

AS/NZS 2161 .2, AS/NZS 2161 .3, AS/NZS 2161 .4

Cut resistant level 5 glove with PU dipping for high abrasion resistance, the HPPE liner also achieves a level 1 for contact heat. Flexible hi-vis lining for optimum protection and comfort.

HPPE, Glass fibre, PU  
 Orange, Yellow M/8-XL/10



## A630

### Razor - Lite 5 Glove

EN 420, EN 388, EN 388: 2016, EN 407

AS/NZS 2161 .2, AS/NZS 2161 .3, AS/NZS 2161 .4

Cut resistant level 5 glove with reinforced leather palm for enhanced grip and abrasion and to prolong glove life. Ideal for glass handling.

HPPE, Glass fibre, Chrome Leather  
 Grey M/8-XL/10



## A640

### Sabre-Dot Glove - PVC

EN 420, EN 388, EN 388: 2016, EN 407

AS/NZS 2161 .2, AS/NZS 2161 .3, AS/NZS 2161 .4

Premium cut resistant liner, provides superior protection while achieving the maximum level 5. The addition of PVC dots to the palm improves grip performance thereby providing added security for sharp objects being held by the hand.

HPPE, Glass fibre, PVC  
 Grey S/7-XL/10





## A635









### Eco-Cut 3 Glove

EN 420, EN 388, EN 388: 2016  
AS/NZS 2161 .2, AS/NZS 2161 .3

The A635, a cut level 3 glove to add to the Portwest Cut range. With all the staple benefits of comfort, dexterity and grip but at a very affordable price.

 Polyester, Glass fibre, Elastane, PU  
 Black/Black S/7-XL/10

## Great Fit - Great Quality - Great Value

3.3.3.1. 4.2.3.1.C.X



## A610










### Cut 3 Latex Grip Glove

EN 420, EN 388, EN 388: 2016  
ANSI/ISEA 105 - 2011  
AS/NZS 2161 .2, AS/NZS 2161 .3

Durable liner made from para-aramid protects against cuts and abrasion. Crinkle latex coating for secure grip in wet and dry conditions.

 Para-Aramid, Latex  
 Blue M/8-XXL/11

ANSI/ISEA 105-2011  
Cut Level 2

3.3.4.3. 1.2.4.3.B.X



## A600




### Cut 3 Nitrile Grip Glove

EN 420, EN 388, EN 388: 2016  
AS/NZS 2161 .2, AS/NZS 2161 .3

Seamless 10 gauge lining made from para-aramid, with Nitrile palm coating guarantees enhanced cut resistance and excellent grip. Ideal for handling glass, metal or other sharp oily objects.

 Para-Aramid, Nitrile  
 Yellow/Grey M/8-XL/10





4.3.4.3. 4.2.4.3.B.X



**A689** 14 inch (35cm) Cut Resistant Sleeve

**A690** 18 Inch(45cm) Cut Resistant Sleeve

**A691** 22 Inch (56cm) Cut Resistant Sleeve

EN 420, EN 388, EN 388: 2016, EN 407  
ANSI/ISEA 105 - 2011  
CE FOOD SAFE  
AS/NZS 2161 .2, AS/NZS 2161 .3, AS/NZS 2161 .4

Maximum cut level 5 protective tubular sleeve offering cut and heat resistance for wrist and arm area. Thumb hole for secure fit. Machine washable. Sold singly.

**HPPE**  
 **Grey, Hi-Vis Yellow**

**5** **CUT**

**FOOD SAFE**

14"  
35cm

18"  
45cm

22"  
56cm



A689 A690 A691 CE 13 4.5.4.X. 4.4.4.X.D.X X.1.X.X.X.X. Cut Level A3

**A655**

**Sabre - Lite 5 Glove**

EN 420, EN 388, EN 388: 2016  
CE FOOD SAFE

AS/NZS 2161 .2, AS/NZS 2161 .3

Combining maximum cut level 5 resistance with the ultimate in dexterity and comfort when working with sharp knives. Ambidextrous and machine washable at 60C. Sold singly.

**UHWPE**  
 **Blue S/7-XL/10 Long Cuff Version**

**5** **CUT**

**HEAT**

**FOOD SAFE**

**IMPROVED**



Glove Length 30cm

1 13 120 12 60° 2.5.4.X. 2.4.4.X.D.X

**A590**

**Heat Resistant 250° Glove**

EN 420, EN 388, EN 407

AS/NZS 2161 .2, AS/NZS 2161 .3, AS/NZS 2161 .4

Constructed from meta-aramid, the Heat Resistant Fibre with a cotton liner, offers a long lasting glove which is heat resistant to contact heat up to 250C. Seamless, ambidextrous and machine washable. Sold singly.

**Meta-Aramid, Cotton**  
 **White L/9 Long Cuff Version**

**HEAT**



Glove Length 30cm

**A800**

**Household Latex Glove**

CE CAT 1

Used for a multitude of household and workplace tasks. Features a flock lining and beaded cuff for easy donning and a fishscale pattern for maximum grip.

**Latex**  
 **Yellow M/8-XL/10**

**AQUA**

100% 120 20 1 240 12



1.2.4.0. 4.2.4.2.X.X. CE 7



# General Handling Range



OR



GN



K8



### Recycled Cotton

Cotton is the largest natural fiber produced globally. It takes a huge amount of energy and water to make. Recycled cotton reduces waste and energy usage worldwide.

**A150 Fortis Grip Glove - Latex**  
 EN 420, EN 388  
 ANSI/ISEA 105 - 2011  
 AS/NZS 2161 .2, AS/NZS 2161 .3



The Fortis Grip Glove offers the necessary hand protection with both comfort and grip at an affordable price.

Polyester, Cotton, Latex  
 OR - Yellow/Orange S/7 - XXL/11  
 GN - Yellow/Green M/8-XXL/11  
 K8 - Black/Black M/8 - XXL/11

## Best Value

ANSI/ISEA  
105-2011  
Cut Level 1

EN388  
2003  
216  
12  
2.1.2.1.

216  
12

CE

10

ANSI/ISEA  
105-2011

Abrasion Level 2

EN388  
2003



3.2.4.2.

216  
12



A109



## A100

### Grip Glove - Latex

EN 420, EN 388

ANSI/ISEA 105 - 2011

AS/NZS 2161 .2, AS/NZS 2161 .3

Premium quality latex palm dipped 10 gauge glove which provides good tear and abrasion resistance, for secure handling in both wet and dry conditions. Open back for ventilation and ergonomic design to reduce hand fatigue.

Polyester, Cotton, Latex  
 OR - Yellow/Orange - S/7 - XXL/11  
 K8 - Black/Black, B8 - Blue/Black  
 E8 - Green/Black, R8 - Red/Black,  
 GN - Yellow/Green, M/8 - XXL/11



OR

## A109 Grip Glove (with retail bag)

65% Polyester, 35% Cotton, Latex  
 Grey/Black, Yellow/Orange M/8-XL/10

EN388  
2003



3.2.4.2.

144  
12



## A105

### Grip Xtra Glove - Latex

EN 420, EN 388

AS/NZS 2161 .2, AS/NZS 2161 .3

The A105 features a 10 gauge liner for increased dexterity with a premium latex dipping. 3/4 latex coverage provides increased protection from liquids while maintaining dexterity. This glove has a crinkle-grip finish which offers exceptional grip support in wet & dry conditions.

Polyester, Cotton, Latex  
 Yellow/Orange L/9-XXL/11



## General Handling Latex Gloves

240  
12



## A160

### Ecogrip Glove - Latex

CE CAT 1

Economy grip glove manufactured from mixed fibres with latex dipping.

Polyester, Cotton, Latex  
 Red XL/10



**Added Safety Feature - Long Cuff**



**A340**

**Hi-Vis Grip Glove - Latex Foam**

EN 420, EN 388  
ANSI/ISEA 105 - 2011  
AS/NZS 2161 .2, AS/NZS 2161 .3

Using the latest Latex Foam technology, the A340 offers the highest level of comfort with excellent grip in wet and dry environments.

Nylon, Latex Foam  
 Orange/Black, Yellow S/7-XXL/11

ANSI/ISEA 105-2011  
EN388 2003  
Abrasion Level 2  
240/12  
CE  
2.1.2.1.  
13



**A175**

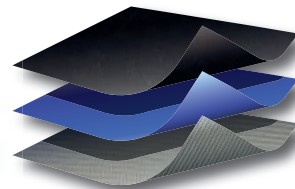
**Duo-Flex Glove - Latex**

EN 420, EN 388  
AS/NZS 2161 .2, AS/NZS 2161 .3

The 'Duo-flex' combines some advanced dipping techniques which allow this glove to be double dipped in crucial wear areas. Increasing the protection and durability of the glove in the areas you most need it without adding to the weight or decreasing dexterity.

Polyester, Latex  
 Purple/Blue, Red/  
Blue M/8-XL/10

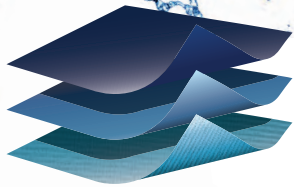
EN388 2003  
360/12  
CE  
3.0.3.1.  
13



- Unique Double Coating at Fingertips
- Special Process Natural Rubber Coating
- 13 Gauge Reinforced Seamless Knitted Liner

# GRIP

## Waterproof Grip Glove



- Latex Foam Dip - Layer 1
- Latex Foam Dip - Layer 2
- 13 Gauge Reinforced Seamless Knitted Liner

**AP80**

### Liquid Pro

EN 420, EN 388, EN 511  
AS/NZS 2161 .2, AS/NZS 2161 .3

Featuring the latest innovation in double coating technology, the Liquid Pro offers maximum liquid protection. The smooth latex is fully coated before a second latex foam palm dip is applied, this process ensures maximum and superior grip is achieved. An Elasticated wrist provides for a secure fit.

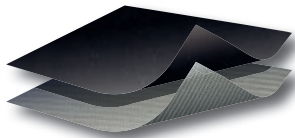
Polyester, Latex, Latex Foam  
 Blue S/7-XXL/11



Latex foam coating for excellent grip in wet and dry conditions

3.1.3.1. X.X.1.

## Comfort Liner



- Dual Latex Coating
- Insulated Liner

**AP01**

### Thermo Pro Glove

EN 420, EN 388, EN 511  
AS/NZS 2161 .2, AS/NZS 2161 .3,  
AS/NZS 2161 .5

Design with a dual latex coating for superior grip and protection against liquids and water penetration. The insulated liner protects from cold ensuring hands are kept warm. Ergonomically designed to optimise comfort, enhance dexterity and provide high level of resistant to abrasion and tearing.

Brushed Acrylic, Nitrile Foam  
 Blue/Black S/7-XXL/11



1.2.3.1. X.1.1.

**Superb abrasion and tear resistance** | 451



100% Breathable seamless liner

Excellent for jobs requiring high dexterity

**Fits Like a Second Skin for Excellent Dexterity**

**AP70**

**Nero Lite Foam Glove**

EN 420, EN 388  
AS/NZS 2161 .2, AS/NZS 2161 .3

Using a water base PU, this glove promotes enhanced dexterity and is softer on the skin. The seamless 18 gauge provides excellent breathability and comfort. The "Nero lite" is solvent free making it ideal for the car industry.

Nylon, Micro PU  
 Blue/Black S/7-XXL/11

**Solvent Free**

EN388

2003



2.1.2.1

480  
12



18



**A174**

**Flex Grip Latex Glove**

EN 420, EN 388  
AS/NZS 2161 .2, AS/NZS 2161 .3

Designed using a seamless knitted liner, with a waterproof latex coated palm, this glove promotes a high level of comfort, flexibility and softness. The ergonomic design mimics the hands natural curvature reducing hand fatigue. Breathable open back of hand aids to reduce perspiration.

Nylon, Latex  
 Red/Black S/7-XXL/11

**Breathable and Comfortable**

EN388

2003



2.1.2.1

360  
12



13

## A171

### Latex Open Back Crinkle Glove

EN 420, EN 388  
AS/NZS 2161 .2, AS/NZS 2161 .3

Ideal for light handling requirements. Knitwrist for secure fit and open back for ventilation. Latex dipped for grip.

Cotton, Latex  
 X Green M/8-XXL/11



## A170

### Gristle Latex Glove

CE CAT 1

A lightweight and durable work glove with a roughened surface for exceptional grip.

Cotton, Latex  
 X Yellow XL/10



## A135

### Tough Grip Glove - Latex

EN 420, EN 388  
AS/NZS 2161 .2, AS/NZS 2161 .3

Maximizing the strengths of both polyester and cotton, the base of this glove is a knitted liner constructed from a poly-cotton mix. A layer of super durable latex with a textured finish is then added to the palm and finger areas providing added protection and grip.

Polycotton, Latex  
 X Yellow/Orange L/9-XXL/11



Unique Double Coating at Fingertips



**Double Coated Finger Tips,  
Greatly Extends Glove Life**





**A401**

**PVC Venti Glove**

EN 420, EN 388  
AS/NZS 2161 .2, AS/NZS 2161 .3

The A401 is a PVC dipped glove with an open back design. The PVC coating still provides excellent abrasion ratings. The addition of an open back which makes the glove lighter and provides far superior ventilation.

Cotton, PVC  
 Red M/8-XL/10

EN388  
2003  
  
4.1.2.1.

144  
12



**A400**

**PVC Knitwrist**

EN 420, EN 388  
ANSI/ISEA 105 - 2011  
AS/NZS 2161 .2, AS/NZS 2161 .3

A best seller, the red PVC fully dipped working glove with knitted wrist and cotton interlock lining has a smooth finish with excellent abrasion resistance.

Cotton, PVC  
 Red, Black M/8-XXL/11



ANSI/ISEA  
105-2011  
Abrasion Level3

EN388  
2003  
  
4.1.2.1.

144  
12



**A427 PVC Gauntlet**

EN 420, EN 388

**A435**

AS/NZS 2161 .2, AS/NZS 2161 .3

**A445**

Available in a choice of three lengths, these gauntlets are fully coated and have a soft, comfortable cotton interlock lining. The coating has a smooth finish and offers excellent abrasion resistance.

Cotton, PVC  
 Red XL/10.5



**A427** Gauntlet 27cm

**A435** Gauntlet 35cm

**A445** Gauntlet 45cm

EN388  
2003  
  
4.1.2.1.

120  
12  
96  
12  
72  
12





### A330

#### Nitrile Light Knitwrist

EN 420, EN 388  
ANSI/ISEA 105 - 2011  
AS/NZS 2161 .2, AS/NZS 2161 .3

Lightweight abrasion resistant nitrile glove with open back for ventilation. Perfect for small parts handling. The construction of the glove helps reduce hand fatigue.

Cotton, Nitrile  
 Navy, Yellow S/7-XXL/11



EN388 2003  
ANSI/ISEA 105-2011  
4.1.1.1. Abrasion Level 4

### A300

#### Nitrile Knitwrist

EN 420, EN 388  
ANSI/ISEA 105 - 2011  
AS/NZS 2161 .2, AS/NZS 2161 .3

Fully coated nitrile knitwrist glove designed for applications that require additional abrasion resistance. Tough nitrile coating prevents grease, oil and water penetration. Suitable for refuse collection, utilities and maintenance.

Cotton, Jersey Lining, Nitrile  
 Navy M/8-XXL/11



EN388 2003  
ANSI/ISEA 105-2011  
4.1.2.2. Abrasion Level 3

ANSI/ISEA 105-2011

Abrasion Level 3

EN388 2003



4.1.2.2.

144 12



EN388 2003



4.1.2.2.

144 12



### A301

#### Nitrile Safety Cuff Glove

EN 420, EN 388  
ANSI/ISEA 105 - 2011  
AS/NZS 2161 .2, AS/NZS 2161 .3

Cotton, Nitrile  
 Navy L/9-XL/10

Heavyweight nitrile dipped glove with canvas safety cuff for added protection. Open back for ventilation and breathability.

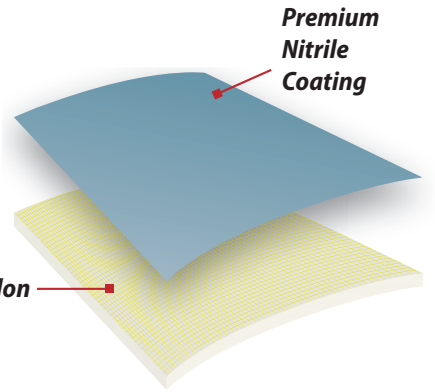
### A302

#### Fully Dipped Nitrile Safety Cuff

EN 420, EN 388  
ANSI/ISEA 105 - 2011  
AS/NZS 2161 .2, AS/NZS 2161 .3

Cotton, Nitrile  
 Navy L/9-XL/10

The A301's popularity has led to the introduction of the A302. This extra durable heavyweight nitrile glove is fully dipped, giving even more protection against cuts, scrapes, punctures and tears. The safety cuff feature allows for these gloves to be removed instantly with ease.



**100% engineered polyester, which gives many of the benefits of Nylon**

- Excellent abrasion resistance
- Outstanding dimensional stability
- Higher tensile strength
- Low linting properties
- Superior breathability

**A310 Flexo Grip Nitrile Glove**  
EN 420, EN 388  
ANSI/ISEA 105 - 2011  
AS/NZS 2161 .2, AS/NZS 2161 .3



The nitrile coating on the Flexo Grip Glove gives enhanced abrasion resistance. Ideal for auto repair, construction and other sectors.

 Pylon, Nitrile  
 X Grey/White XS/6-XXL/11, Red/Black S/7-XXL/11



**ANSI/ISEA 105-2011**  
Abrasion Level 2

**EN388 2003**  
4.1.2.2.

**360 12**

**CE**

**13**

**A319**

**A319**  **GRIP**

**Flexo Grip Nitrile Glove (with retail bag)**

EN 420, EN 388  
ANSI/ISEA 105 - 2011  
AS/NZS 2161 .2, AS/NZS 2161 .3

 Pylon, Nitrile  
 X Red/Black, White/  
Grey M/8-XXL/11



**A319**



**VA310**  **VEND**

**Flexo Grip Nitrile Glove (Vending)**

 X White/Grey S/7-XXL/11



**VA310**

**Nitrile foam coating for excellent grip in wet and dry conditions**



*Palm dipped to increase dexterity and ventilation*



**A325 Dexti-Grip Pro Glove - Nitrile Foam**

EN 420, EN 388  
AS/NZS 2161 .2, AS/NZS 2161 .3

The A325 glove comprises of a premium foamed nitrile material with protective dipping, allowing the user to handle precise jobs while offering maximum protection. This material combines breathability, comfort and touch sensitivity. It's oil resistant finish provides excellent grip.

 **Pylon, Nitrile Foam**  
 **White/Grey M/8-XXL/11**



*Suitable for any work area where oil and grease resistance is a priority.*





**Pylon™**

**A315**



**All-Flex Grip Glove - Nitrile**

EN 420, EN 388  
ANSI/ISEA 105 - 2011  
AS/NZS 2161 .2, AS/NZS 2161 .3

The "All-Flex" super-light glove addresses the need in the marketplace for an ergonomically designed glove providing greater comfort and quality. An elasticated knit wrist liner means a comfortable snug fit while the full coverage of nitrile provides high abrasion resistance, superior liquid resistance, great flexibility and grip.

**Pylon, Nitrile**  
 **Black/Black M/8-XXL/11**



**ANSI/ISEA 105-2011**  
Abrasion Level 1

**EN388 2003**  
 **360**  
12

**CE** **13**

**2.1.1.2.**



**A320**

**Dexti-Grip Glove - Nitrile Foam**

EN 420, EN 388  
ANSI/ISEA 105 - 2011  
AS/NZS 2161 .2, AS/NZS 2161 .3

For precise operations requiring maximum dexterity, Dexti-Grip is the number one choice for general assembly work and precision parts handling where surface oil is present. Breathable seamless liner offers maximum dexterity and a second skin snug fit.

**Pylon, Nitrile Foam**  
 **Black/Black, Blue/Black S/7-XXL/11**

**ANSI/ISEA 105-2011**  
Abrasion Level 3

**EN388 2003**  
 **360**  
12

**CE** **13**

**3.1.3.1.**



# General Handling - Nitrile Foam

**NEW**



**VA350** 432 24 **VEND**

**Vending DermiFlex Glove**

Black S/7-XXL/11

**A350**

**DermiFlex Glove - PU/Nitrile Foam**

EN 420, EN 388

ANSI/ISEA 105 - 2011

AS/NZS 2161 .2, AS/NZS 2161 .3

Super light 15g nylon and elastane liner dipped with soft nitrile foam and PU for the ultimate in comfort, dexterity and sensitivity. Protects against oil in warm, humid conditions.

Nylon, Elastane, PU, Nitrile Foam

Black S/7-XXL/11



Breathable Nitrile Foam Coating



4.1.3.1.

Cut Level 1

**IMPROVED**

**A351**

**DermiFlex Plus Glove- PU/Nitrile Foam**

EN 420, EN 388

AS/NZS 2161 .2, AS/NZS 2161 .3

Dotted palm for enhanced grip and added palm protection. Breathable seamless lining ideal for precision handling in dry environments.

Nylon, Elastane, PU, Nitrile Foam

Black M/8-XL/10



Micro PVC Grip

**IMPROVED**



4.1.3.1.



**A352**



**DermiFlex Ultra Glove - PU/Nitrile Foam**

EN 420, EN 388, ANSI/ISEA 105 - 2011 AS/NZS 2161 .2, AS/NZS 2161 .3

¾ coated glove for added protection to the back of the hand. Seamless breathable knitted liner for comfort and dexterity.

Nylon, Elastane, PU, Nitrile Foam Black M/8-XL/10



ANSI/ISEA 105-2011

Cut Level 1

EN388 2003



4.1.3.1.

360 12



15



**Exceptional Grip in Wet and Oily Conditions**

**A354**



**DermiFlex Ultra Pro Glove - PU/Nitrile Foam**

EN 388, EN 420 AS/NZS 2161 .2, AS/NZS 2161 .3

Exceptional grip in wet and oily conditions. This fully dipped glove has a seamless breathable liner for comfort and dexterity.

Nylon, Elastane, PU, Nitrile Foam Black S/7-XXL/11

EN388 2003



4.1.3.1.

360 12



15

## A353

### DermiFlex Ultra + - PU/Nitrile Foam

EN 420, EN 388

AS/NZS 2161 .2, AS/NZS 2161 .3

The A353 is an enhanced addition to the DermiFlex range. 3/4's are dipped with nitrile foam which gives more protection while maintaining breathability. An addition of micro dots to the palm area provides maximum grip.

Nylon, Elastane, PU Foam, Nitrile Foam  
 Nitrile Black M/8-XL/10



4.1.3.1.

## Comfort and Dexterity

## AP30

### Dermi Pro Glove

EN 420, EN 388

AS/NZS 2161 .2, AS/NZS 2161 .3

This fully dipped nitrile coated glove with foam nitrile coating in the palm area provides comfort and touch sensitivity. An elastic knit cuff holds it firmly on the arm for enhanced fit. The nitrile coating offers excellent liquid barrier while the superior foam dip ensures excellent grip even in oily environments.

Nylon, Nitrile, Nitrile Foam  
 Nitrile Orange/Black S/7-XXL/11



4.1.2.1



X.X.1.

	Chemical	Class
A	Methanol	Primary alcohol
B	Acetone	Ketone
C	Acetonitrile	Nitrile compound
D	Dichloromethane	Chlorinated paraffin
E	Carbon disulphide	Sulphur containing organic compound
F	Toluene	Aromatic hydrocarbon
G	Diethylamine	Amine
H	Tetrahydrofurane	Hetero-cyclic and ether compound
I	Ethyl acetate	Ester
J	n-Heptane	Saturated hydrocarbon
K	Sodium hydroxide 40%	Inorganic base
L	Sulphuric acid 96%	Inorganic Mineral Acid

EN374



AKL

## Protective Gloves : Against Chemicals And Micro-Organisms

### EN 374-1: 2003

This European standard specifies the requirements for gloves to protect the user against chemicals and/or micro-organisms and defines terms to be used.

### EN 374-2:2003

This European Standard specifies a test method for the penetration resistance of gloves that protect against chemicals and/or micro-organisms.

EN374



### EN 374-3: 2003

This European Standard specifies the determination of the resistance of protective glove materials to permeation by potentially hazardous non-gaseous chemicals under the condition of continuous contact.



A827



A835

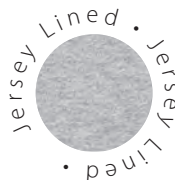
Gauntlet 35cm



A845

Gauntlet 45cm

4.5.4.2    J.K.L.    J.K.L.    A827    A835    A845



### A827 Double Dipped PVC Gauntlet 27cm

EN 420, EN 388, EN 374-1  
AS/NZS 2161 .2, AS/NZS 2161 .3, AS/NZS 2161 .10.1

### A835

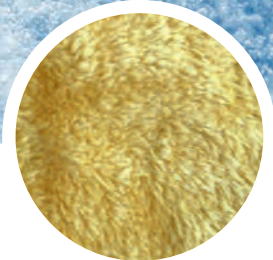
### A845

Double dipped PVC gauntlet with sandy palm finish for enhanced grip. Jersey lined for extra wearer comfort. Available in 3 lengths, 27cm, 35cm and 45cm. Treated to protect against microbial deterioration.

PVC, Cotton  
 Green XL/10.5



# Tested to 4 Different Levels of Chemical Resistance



Fleece lining for added warmth and comfort

## AP90

### Chemtherm glove

EN 420, EN 388, EN 374-2, EN 374-1, EN 511  
AS/NZS 2161 .2, AS/NZS 2161 .3  
AS/NZS 2161 .5, AS/NZS 2161 .10.1  
AS/NZS 2161 .10.2

Introducing the ultimate chemical resistant gauntlet which protects in cold harsh environments. This glove has a fleece lining for superior comfort. The double dipping produces a rough palm finish enabling a superior grip in wet and oily environments.






 PVC, Fleece, PVC Sandy  
 Purple M/8-XXL/11

-  CHEM
-  AQUA
-  THERM
-  GRIP

**NEW**



Double dipping for maximum liquid repellency

				
		4.1.2.1	1.2.1	A.J.K.L



Textured Palm and Fingertips

## CAT. III Hand Protection

**A810**

### Nitrosafe Chemical Gauntlet - Nitrile

EN 420, EN 388, EN 374-1  
ANSI/ISEA 105 - 2011  
AS/NZS 2161 .2, AS/NZS 2161 .3  
AS/NZS 2161 .10.1

Chemical resistant gauntlet with textured pattern for enhanced grip. Flock lined for added comfort. For use in the chemical, oil and food industries.

 **Nitrile, Cotton**  
**Green S/7-XXL/11**  
Length 320mm, Thickness 0.38mm

 **CHEM**

 **AQUA**

 **GRIP**

 **IMPROVED**

ANSI/ISEA  
105-2011

 **CE CAT III**

EN388  
2003

 **2.0.0.1.**

EN374

 **A.J.K.L.**

EN374

 **192**  
**12**







## Sandy finish

**A880**

### Trawlmaster 30cm Gauntlet - PVC

EN 420, EN 388, EN 374-1  
AS/NZS 2161 .2, AS/NZS 2161 .3  
AS/NZS 2161 .10.1

PVC gauntlet with excellent resistance to light acids, animal fats and fish oils. Sandy palm finish for a secure grip and better abrasion resistance. Seamless liner ensures comfort and flexibility.

 **PVC, Cotton**  
**Blue L/9-XL/10**

 **CHEM**

 **AQUA**

 **GRIP**

 **CE CAT III**

EN388  
2003

 **4.1.2.1.**

EN374

 **A.K.L.**

EN374

 **96**  
**12**







Nitrile foam coating for excellent grip in wet and dry conditions



## Nitrile Sandy Coating

Lightweight and Comfortable

### AP60 Sandy Grip Lite Gauntlet

EN 420, EN 388, EN 374-1  
A5/NZS 2161 .2, A5/NZS 2161 .3

Nitrile gauntlet with sandy palm dip for a secure grip and abrasion resistance. This glove is designed for use in wet and oil environments. Using a lightweight soft comfortable liner, it increases the wearability for prolonged periods of time.

 Nylon, Nitrile, Nitrile Sandy  
 Blue/Black M/8-XXL/11



# ESD

## ESD - (Electrostatic Discharge) Antistatic Gloves



**A197**

**ESD**

### Antistatic Shell

EN 420, EN 388, EN 1149

AS/NZS 2161.2, AS/NZS 2161.3

Constructed from an advanced pylon & carbon fibre blend. This glove (liner only) protects equipment like circuit boards from the natural oils of the skin while also protecting sensitive equipment from harmful static discharge.

Pylon, Carbon Fibre  
 Grey XS/6 - L/9

**Pylon™**

EN388  
2003



2.1.3.2

EN1149



**NEW**

**VA198**

432  
24

**VEND**

### Vending Antistatic PU Fingertip Glove

Grey/White  
XXS/5-XXL/11



**A198**

**ESD**

### Antistatic PU Fingertip Glove

EN 420, EN 388, EN 1149

ANSI/ISEA 105 - 2011

AS/NZS 2161.2, AS/NZS 2161.3

13g Pylon and Carbon Fibre shell which diverts static electricity. Coated with a durable PU palm for excellent dexterity. For use in electronics assembly, testing and precision work.

Pylon, Carbon Fibre, PU  
 Grey/White, Hi-Vis  
Orange XXS/5-XXL/11

**Pylon™**

EN388  
2003



2.1.3.2

EN1149



### A196

#### Antistatic Micro Dot Glove

EN 420, EN 388, EN 1149  
AS/NZS 2161 .2, AS/NZS 2161 .3

Constructed from a seamless knitted liner, which provides excellent fit and reduces hand fatigue. The PU dot to the palm improves grip and durability. This is an extremely low linting glove with high breathability.

 Pylon, Carbon Fibre, PU  
 X Grey/White XXS/5-XL/10



### VA199

#### Vending Antistatic PU Palm Glove

 X Grey/White  
XXS/5-XXL/11





### A199

#### Antistatic PU Palm Glove

EN 420, EN 388, EN 1149  
ANSI/ISEA 105 - 2011  
AS/NZS 2161 .2, AS/NZS 2161 .3



13g Pylon and Carbon Fibre shell which diverts static electricity. Coated with a durable PU palm for excellent dexterity. For use in electronics assembly, testing and precision work.

 Pylon, Carbon Fibre, PU  
 X Grey/White XXS/5-XXL/11  
Hi-Vis Orange XS/6-XXL/11





# Water Based PU Glove For Car Manufacturing Industries



## DMF Free Hand Protection



Water based PU coating

### Anti-Irritant against your skin

**A125**

**Nero Grip Glove**


EN 420, EN 388

CE FOOD SAFE

AS/NZS 2161 .2, AS/NZS 2161 .3

One of the most cutting edge gloves on the market. Using a water based technology in the process, this glove is made without the use of DMF (dimethylformamide), a chemical solvent which is present in the majority of Polyurethane gloves. 'Nero Grip' boasts the benefit of being solvent free, which is a necessity for the car industry.

 Nylon, PU

 X White/White S/7-XL/10



3.1.3.1.





## A120

### PU Palm Glove

EN 420, EN 388

ANSI/ISEA 105 - 2011

AS/NZS 2161 .2, AS/NZS 2161 .3

Perfect for intricate tasks where dexterity and breathability are essential. Now available in a wide range of colours and sizes.

- Pylon, PU**
- WH - White XS/6 - XXL/11**
- GR - Grey XS/6 - XXL/11**
- BK - Black XS/6 - XXL/11**
- O1 - Orange XS/6 - XXL/11**
- Y2 - Yellow XS/6 - XXL/11**
- B4 - Blue XS/6 - XXL/11**
- P9 - Pink XS/6 - L/9**



IMPROVED

**Pylon™**

## A129

### PU Palm Glove (12 Pack)

EN 420, EN 388

ANSI/ISEA 105 - 2011

AS/NZS 2161 .2, AS/NZS 2161 .3

The best selling PU Palm Glove is now available in a 12 pair retail pack for easier storage and improved value.

- White/White XS/6-XXL/11**
- Black/Black, Grey XS/6-XXL/11**



**VA120**

### Vending PU Palm Glove

- Black, White/White XS/6-XXL/11**
- Grey XS/6-XL/10**



**A121**

**GRIP**

**PU Fingertip Glove**  
CE CAT 1

PU dipped on the fingertip area to protect against nicks and cuts. Suitable for use in microelectronics, precision assembly and inspection.

**Pylon, PU**  
White XXS/5-XL/10, Grey XS/6-XL/10



**IMPROVED**

**Pylon™**



**A122**

**GRIP**

**PU Ultra Glove**  
EN 420 EN 388  
AS/NZS 2161 .2, AS/NZS 2161 .3

A comfortable and breathable nylon liner, 3/4 dipped in PU for extensive coverage. The additional dipping provides an even higher percentage of protection to the hand, while giving all the added benefits of a polyurethane glove.

**Pylon, PU**  
White/White XS/6-XXL/11  
Black/Black S/7-XXL/11



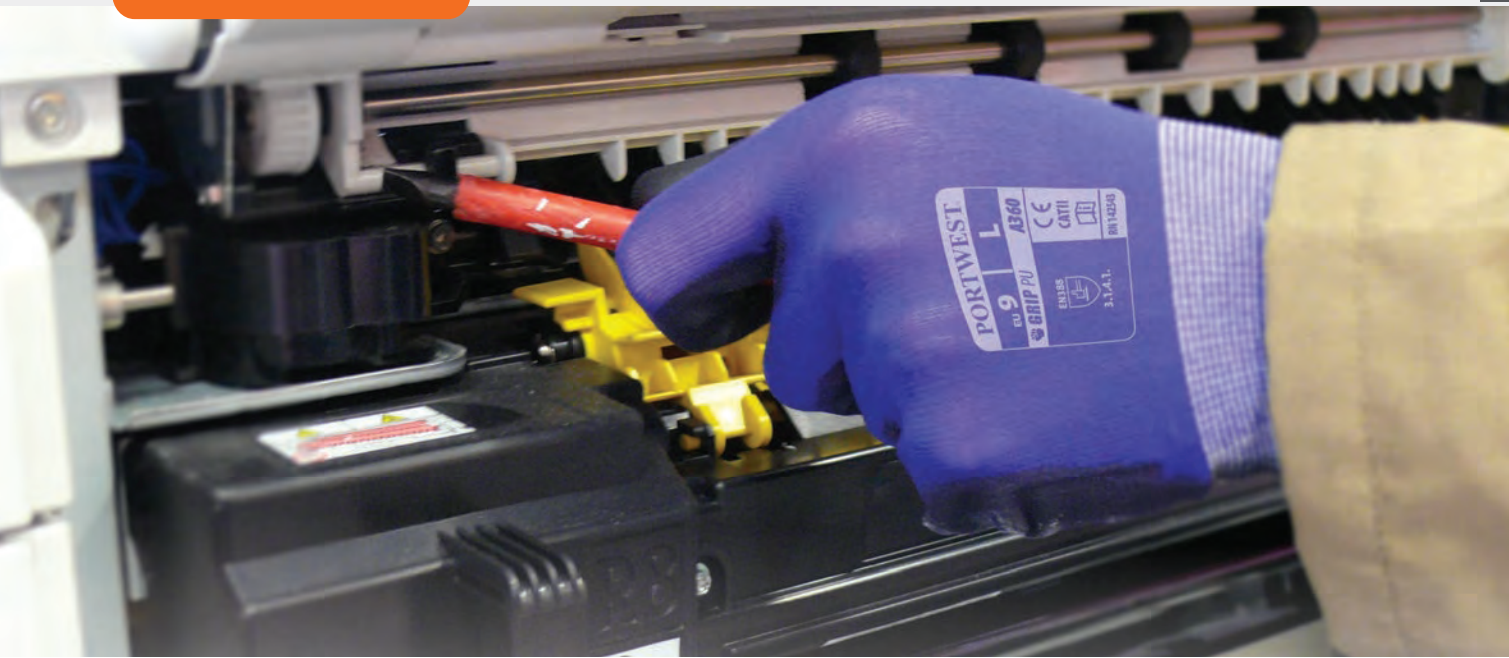
**IMPROVED**

**Pylon™**

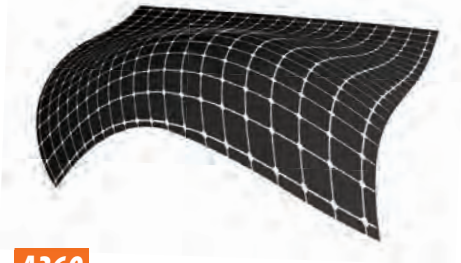


4.1.4.1.





## Extremely Flexible for Precise Handling



**A360**

### Senti-Flex Glove

EN 420, EN 388  
AS/NZS 2161 .2, AS/NZS 2161 .3

Ultra thin 18 gauge glove for the ultimate in dexterity and breathability. PU dipped for abrasion resistance.

Nylon, PU  
 Blue/Black S/7-XXL/11



Ultra Thin and Lightweight Material

Elastic Knit Cuff for a Firm and Secure Fit

**IMPROVED**

EN388 2003  
 480 12  
 CE  
 3.1.2.1

## A020



### Assembly Glove CE CAT 1

100% pylon, seamless, 13 gauge liner, makes it a perfect fit for any job requiring a high demand on fine motor skill, dexterity and maximum tactile feedback.

Pylon  
 White XS/6-XL/10



## A050



### Stockinette Knitwrist Glove CE CAT 1

Suitable as a liner or on its own for extra warmth.

65% Polyester, 35% Cotton  
 Beige XL/10



## A080



### Microdot Glove CE CAT 1

An all purpose, highly dexterous 100% Terry cotton glove with three stitched detail on the back giving a more secure fit. PVC dots to the palm area and fingers provide a superior grip

Cotton, PVC  
 White M/8-XL/10





# PVC Palm Dots for Superior Grip

**A777**

## Fortis Polka Dot Glove

CE CAT 1



Lightweight, comfortable seamless 7 gauge glove with PVC dotted palm for enhanced grip, this glove offers superior finger dexterity and is ideal for dry handling.

65% Polyester, 35% Cotton, PVC

Blue on White XS/6-XXL/11

## Best Selling Polka Dot Gloves



**A770**

## Polka Dot Glove

EN 420, EN 388

ANSI/ISEA 105 - 2011

AS/NZS 2161 .2, AS/NZS 2161 .3



By combining enhanced grip with excellent dexterity, the Polka Dot Glove performs well in dry conditions. Seamless 13 gauge knitted liner with PVC dotted palm.

Polyester, PVC

Blue on White XS-XXL/11

Black/Red S/7 - XL/10

Dark Navy S/7 - XL/10



ANSI/ISEA 105-2011

Abrasion Level 1

EN388 2003



2.1.4.1.





## A112 Heavyweight Polka Dot Glove

EN 420, EN 388, EN 407  
AS/NZS 2161 .2, AS/NZS 2161 .3,  
AS/NZS 2161 .4

Perfect for a range of heavy duty handling tasks with added contact heat resistance.

70% Polyester, 30% Cotton, PVC  
 Red on White M/8-XL/10



EN388 2003 	EN407 	144 12	CE	7
2.1.4.1 X.1.X.X.X.X.				



## A114 Fingerless polkadot glove

EN 420, EN 388  
AS/NZS 2161 .2, AS/NZS 2161 .3

Excellent grip and dexterity, this low linting fingerless glove is constructed using a seamless liner for enhanced wearer comfort. The PVC dotting to palm improves grip and durability.

Polyester, PVC  
 Blue on White S/7-XL/10





EN388 2003 	216 12	CE	13
2.1.4.1			

## A113 Polka Dot Plus Glove

EN 420, EN 388  
AS/NZS 2161 .2, AS/NZS 2161 .3

The dual PVC dots to both sides of the glove allows for easy donning and prolongs the life of the glove.

 Polyester, PVC  
 Blue on White S/7-XL/10

## Double Use, Double Life



## A130 Criss Cross Glove

EN 420, EN 388  
AS/NZS 2161 .2, AS/NZS 2161 .3

For that extra bit of grip. The PVC pattern on the palm and the back of the 7 gauge glove makes it an ideal choice for general handling work duties.

 65% Polyester, 35% Cotton, PVC  
 Orange M/8-XL/10



## Criss Cross Grip



# WORK

## Driver and Rigger Gloves

### Pig Grain Leather Secure and Breathable



**A250**



**WORK**

#### Tergsus Glove

EN 420, EN 388

AS/NZS 2161 .2, AS/NZS 2161 .3

Durable pig grain leather glove with hook & loop fastening, cotton back and reinforced fingertips. Suitable for light industrial applications.

Pig Leather, Cotton  
 Orange S/7, Blue M/8, Yellow L/9, Red XL/10, Black XXL/11

EN388  
2003



180  
12



4.0.1.1.

### Synthetic Micro Fibre Material



**A251**



**WORK**

#### Tergsus Micro Glove

EN 420, EN 388

AS/NZS 2161 .2, AS/NZS 2161 .3

The use of synthetic microfibre, produces a glove which is light and dexterous but very durable. A cotton backing achieves great breathability for hard working hands. The Hook and loop cuff ensures a safe and secure fit.

Microfibre, Cotton  
 Blue M/8, Yellow L/9, Red XL/10, Black XXL/11, Orange S/7

EN388  
2003



180  
12



2.1.1.2.



# WORK

## Driver and Rigger Gloves

**A260**

### Oves Driver Glove

EN 420, EN 388  
ANSI/ISEA 105 - 2011  
AS/NZS 2161 .2, AS/NZS 2161 .3



A Classic, this leather driver is made from sheep skin, one of the softest and strongest leathers available on the market. The breathable leather is great for use in mild and hot climates preventing the hands from overheating.

Sheep Skin  
 Grey M/8-XXL/11



240  
12



2.1.1.1.

**A270**

### Classic Driver Glove

EN 420, EN 388  
ANSI/ISEA 105 - 2011  
AS/NZS 2161 .2, AS/NZS 2161 .3



The "Classic" is a tough, hard wearing glove, made from premium full grain cow leather, which provides a longer lasting glove, with increased puncture resistance properties.

Cow Grain Leather  
 Tan L/9-XL/10



192  
12



4.1.2.2.

**A271**

### Lined Driver Glove

EN 420, EN 388, EN 511  
ANSI/ISEA 105 - 2011  
AS/NZS 2161 .2, AS/NZS 2161 .3, AS/NZS 2161 .5



Premium quality lined leather drivers glove with Insulutex lining for added warmth and comfort.

Cow Grain Leather, Insulutex  
 Tan L/9-XL/10



96  
12



X.2.X.



2.1.4.2.



**For The Toughest  
in The Trade**

**A200**



**Furniture Hide Glove**

EN 420, EN 388  
AS/NZS 2161 .2, AS/NZS 2161 .3

Traditionally styled from quality cow split leather with a rubberised safety cuff, vein protection patch and leather patch palm. Offers outstanding abrasion resistance for workers in agricultural, forestry, construction etc.

**Cow Split Leather, Cotton**  
 **Yellow/Black XL/10.5**

EN388  
2003



72  
12



3.1.2.3.



**A225**



**Fleece Lined Rigger Glove**

EN 420, EN 388, EN 511  
AS/NZS 2161 .2, AS/NZS 2161 .3, AS/  
NZS 2161 .5

Insulated leather rigger with fleece lining for added warmth when working in cold environments.

**Cow Split Leather, Insulutex**  
 **Red XL/10.5**



*Luxurious, Soft  
and Warm Inner  
Fleece Lining*

EN388  
2003



EN511



72  
12



2.2.4.3.

X.3.X.





# WORK

## Leather Riggers

### Best Selling Rigger Gloves

**A210**

#### Canadian Rigger Glove

EN 420, EN 388  
ANSI/ISEA 105 - 2011  
AS/NZS 2161 .2, AS/NZS 2161 .3

One of the best selling leather gloves, cow split leather rigger with patch palm and vein protection. Cotton backing increases comfort and ventilation.

Cow Split Leather, Cotton  
 Assorted Grey XL/10.5



144  
12



ANSI/ISEA  
105-2011

Abrasion Level 3

2.2.3.3.

**A220**

#### Premium Chrome Rigger Glove

EN 420, EN 388  
ANSI/ISEA 105 - 2011  
AS/NZS 2161 .2, AS/NZS 2161 .3

Premium quality split leather chrome rigger with red cotton drill back and knuckle protection. Rubberised safety cuff and integral vein patch. For use in construction, mining, landscaping, etc.

Cow Split Leather, Polycotton  
 Green, Red XL/10.5, 3XL/12



**3XL**



**IMPROVED**



96  
12



ANSI/ISEA  
105-2011

Abrasion Level 4

3.1.2.3





## Reinforced Patch Palm

**A230**



### Double Palm Rigger Glove

EN 420, EN 388, EN 407  
ANSI/ISEA 105 - 2011  
AS/NZS 2161 .2, AS/NZS 2161 .3, AS/NZS 2161 .4

Superior Double Palm Rigger glove with additional reinforced protection to palm and forefinger areas. Suitable for use in construction, landscaping, agriculture and forestry.

Cow Split Leather, Cotton  
 Chrome/Green XL, 3XL

ANSI/ISEA 105-2011

Abrasion Level 2

EN388 2003

4.2.2.3.

EN407

4.3.X.X.X.X.

84  
12



## Soft Economical Pig Leather

**A240**



### Mansuetus Rigger Glove

EN 420, EN 388  
AS/NZS 2161 .2, AS/NZS 2161 .3

Soft and supple pig leather rigger glove for added dexterity. Ideal for general handling tasks.

Pig Split Leather, Cotton  
 Tan XL/10.5

EN388 2003



3.1.1.1.

144  
12





**A500**

**Welders Gauntlet**

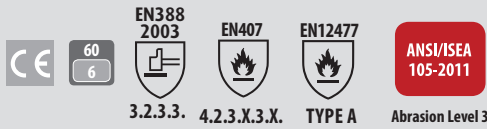
EN 420, EN 388, EN 407, EN 12477  
ANSI/ISEA 105 - 2011  
AS/NZS 2161 .2, AS/NZS 2161 .3, AS/  
NZS 2161 .4

14" Cow split leather welding gauntlet with a one piece back and full cotton lining for comfort. One size.

 Cow Split Leather, Cotton  
 Red XL/10.5



*Industry Favourite*




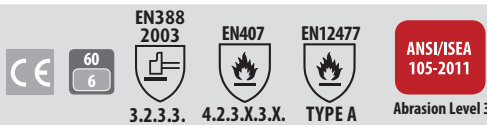
**A510**

**Welders Gauntlet**

EN 420, EN 388, EN 407, EN 12477  
ANSI/ISEA 105 - 2011  
AS/NZS 2161 .2, AS/NZS 2161 .3,  
AS/NZS 2161 .4

Tough 14" split leather gauntlet providing protection against a range of heat related tasks. Ideal for welding, metal handling etc.

 Cow Split Leather, Cotton  
 Blue XL/10.5





## A501

**WELD**  
**GRIP**

### Ambi Dex Welding Gauntlet

EN 420, EN 388, EN 12477  
AS/NZS 2161 .2, AS/NZS 2161 .3

Just what you want. The A501 glove offers thermal protection under EN12477, but is an ambidextrous welders glove which is very cost effective, as it is sold singly.

 Cow Split Leather, Cotton  
 Grey XL/10.5



1 CE 108 12

EN12477 EN388 2003  
TYPE A 2.1.3.2.



## A511

**WELD**  
**HEAT**  
**GRIP**

### Fortis Welding Gauntlet

EN 420, EN 388, EN 12477, EN 407  
AS/NZS 2161 .2, AS/NZS 2161 .3, AS/NZS 2161 .4

This 14" welders gauntlet gives ample protection for basic welding needs. This glove is the number one choice due to its high levels of dexterity and superior protection to the lower arm.

 Cow Split Leather  
 Chrome XL/10.5

EN388 2003 EN407 EN12477  
3.1.3.4. 4.1.3.3.4.X. TYPE A  
72 6 CE

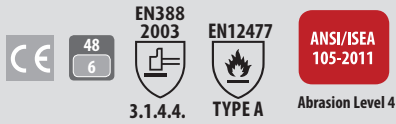
## A530

### Reinforced Welding Gauntlet

EN 420, EN 388, EN 12477  
ANSI/ISEA 105 - 2011  
AS/NZS 2161 .2, AS/NZS 2161 .3

Premium quality leather welding gauntlet with reinforced palm and thumb area for additional protection. Fully welted and sewn with para-aramid throughout.

 Cow Split Leather, Para-Aramid  
 Brown XL/10.5





## A520

### Premium Tig Welding Gauntlet

EN 420, EN 388, EN 12477  
AS/NZS 2161 .2, AS/NZS 2161 .3

The ultimate in dexterity for welders. Soft, flexible goatskin palm with heavy duty split leather cuff. For use in type B (Tig Welding). Stitching made from para-aramid throughout.

 Goat Skin, Cow Split  
Leather, Para-Aramid  
 Assorted Grey L/9-XXL/11



# Disposable Hand Protection

Manufactured from high grade Poly-vinyl chloride, our Vinyl Disposable Gloves are super soft for superior user comfort and super stretchy to reduce hand fatigue. These gloves are latex free, smooth and non textured with a beaded cuff. 100 gloves per box.

- ✓ *Non-Sterile*
- ✓ *Food Handling & Processing*
- ✓ *General Work & Domestic Use*



 **FOOD SAFE**



**PVC**



**A900** Powdered Vinyl Disposable Glove  
CE CAT 1, CE FOOD SAFE

-  PVC
-  Clear M/8-XL/10
-  Blue M/8-XL/10

 **FOOD SAFE**



**A905** Powder Free Vinyl Disposable Glove  
CE CAT 1, CE FOOD SAFE

-  PVC
-  Clear M/8-XL/10
-  Blue M/8-XL/10

 **FOOD SAFE**



# Free From Genetically Modified Corn Starch



**A910**

**Powdered Latex Disposable Glove**

CE CAT 1, CE FOOD SAFE

**Latex**  
**Clear M/8-XL/10**



## Latex



Manufactured from genuine natural rubber (which may cause allergic reactions in some individuals), these gloves combine the highest degree of dexterity available with superior strength and comfort. 100 gloves per box.

- Non-Sterile**
- Food Handling & Processing**
- General Work & Domestic Use**

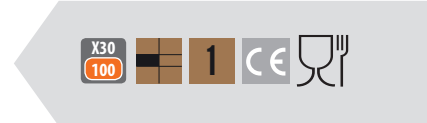


**A915**

**Powder Free Latex Disposable Glove**

CE CAT 1, CE FOOD SAFE

**Latex**  
**White M/8-XL/10**



## Superior Strength and Comfort



**A925**

**Powder Free Nitrile Disposable Glove**

CE FOOD SAFE, EN 420, EN 388, EN 374  
 AS/NZS 2161 .3, AS/NZS 2161 .2, AS/NZS 2161 .10.1

Manufactured from synthetic nitrile rubber our disposable nitrile gloves eliminate the risk of allergic reactions associated with latex gloves. Textured finish provides enhanced fingertip grip and dexterity in both wet and dry conditions. 100 gloves per box.

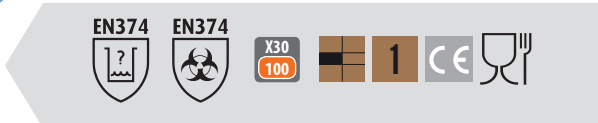
**Nitrile**  
**Blue M/8-XL/10**  
**Black M/8-XL/10**

## Nitrile



**NEW COLOUR**

**New Black Colour**  
 - Perfect for Mechanics





# Disposable Workwear

The Disposable Workwear range features industry best sellers such as mob caps, overshoes, visitors coats, aprons and coveralls.

**PP - Polypropylene**

**PE - Polyethylene**

**SPP - Spunblown Polypropylene**

*Disposable products, made from high quality materials, perfect for the food industry*



D300



D100

D118

D340

**D300**

**2000** Disposable PE Bib Apron  
500 Flat Packed  
100

100% PE  
 Blue, White One Size  
69cm x 107cm

**D118**

**200** Disposable Visitors  
50 Coat PP  
1

Polypropylene  
 White S-XXL



# Lightweight Protection



D100

Elasticated hood, ankles, cuffs and waist

D318

D340



ST11

# Disposables Accessories



D200

2500  
100

**Disposable Paper Forage Cap**

100%

Paper  
White - 27cm x 8.5cm  
(Adjustable)

D100



3000  
500  
100

**PP Disposable Mob Cap**

Polypropylene  
Blue, White - 49cm

100%

D340



6000  
500  
100

**Disposable PE Overshoes**

100%

Polyethylene  
Blue - 40cm

1

ST11



120  
30  
1

**Coverall PP 40g**

Polypropylene  
Navy M-3XL  
White S-3XL

100%

D318



600  
100  
1

**Disposable Visitors Coat PE**

100%

Polyethylene  
Blue  
150cm x 120cm



## The Science Of Hazard Protection



EN 14605  
LIQUID TIGHT  
SUITS. (TYPE 3)



EN 14605  
SPRAY TIGHT  
SUITS. (TYPE 4)



EN 13982-1  
DRY PARTICLE  
SUIT TYPE 5



EN 13034  
REDUCE SPRAY  
SUIT TYPE 6



EN ISO 14116  
PROTECTIVE CLOTHING  
AGAINST LIMITED  
FLAME SPREAD  
MATERIALS AND  
MATERIAL ASSEMBLIES



EN 14126  
PROTECTIVE  
CLOTHING  
AGAINST  
INFECTIVE  
AGENTS



EN 1073-2  
NUCLEAR  
PARTICLE



EN 1149  
ELECTROSTATIC  
PROPERTIES



CHEMICAL  
PROTECTION

# BIZTEX HAZARD PROTECTIVE CLOTHING

*BizTex hazard protective clothing is an industry leading range of hazard protection garments certified and exceeding the highest international standards. The extensive BizTex range offers powerful protection against many workplace hazards. The BizTex range is cost effective whilst offering the wearer innovative high tech protection.*

BIZTEX is a trademark of Portwest.

# 3 Industry Leading Hazard Protection Fabrics



ANTI STATIC

Portwest's SMS is an integrated three layer polypropylene construction with anti-static properties. Formed by layering spunbond, meltblown and spunbond the fabric is strong and durable as well as being soft and breathable.

The high tensile strength offered by this trilaminate fabric protects the wearer from fluid and particulate penetration without compromising on mobility or comfort. Portwest have several garments manufactured with SMS in the BizTex range.



ANTI STATIC

Portwest's BizTex Micro fabric is a polypropylene substrate with anti-static properties to which a polyethylene film is applied (PP/PE). The outer layer prevents the passage of liquid molecules inwards yet allows the vapour molecules that build up on the inside of the fabric to permeate. This technology keeps the wearer fresh and comfortable.

BizTex Micro has the added benefit of having an anti-static coating that provides protection against electrostatic buildup.

Biztex Plus is also available in an 82g option, offering added strength, abrasion and tear resistance.



ANTI STATIC

FLAME RESISTANCE

For workers at risk from chemical splash who also may come into contact with flame or flash fire, the flame retardant BizTex SMS fabric is an obvious choice. The SMS fabric is an integrated three layer polypropylene construction. Formed by layering spunbond, meltblown and spunbond the fabric is strong and durable as well as being soft and breathable. This fabric is then treated with an FR coating which conforms to the flame resistant standard EN14116.



## Providing EN Standard Protection

### EN 14605: 2005

Protective Clothing Against Liquid Chemicals. This standard specifies performance requirements for clothing with liquid-tight (Type 3) or spray-tight (Type 4) connections, including items providing protection to parts of the body only. (Types PB [3] and PB [4])



#### Liquid Tight Suits. (Type 3)

This test involves exposing a whole suit to a series of short jets of a water based liquid, aimed at various critical parts of the suit. This suit protects against strong jets of liquid chemical.

EN 14605



#### Spray Tight Suits. (Type 4)

Test involves exposing a whole suit to an intense spray of a water based liquid. This suit protects against saturation of liquid chemicals.

EN 14605



### EN ISO 13982: 2004 Type 5

Dry particle suit. This specifies the minimum requirements for chemical protective clothing resistant to penetration by air borne solid particles. Protects against hazardous dust and dry particles.

EN 13982-1



### EN 13034: 2005 Type 6

Reduce spray suit (Type 6) and partial body protection items (PB6). This specifies the minimum requirements for chemical protective clothing offering limited protective performance against liquid chemicals. This standard tests for liquid chemical (Type 6 and Type PB [6] equipment) sprays and splashes that are not directional or built up on a suit but there may be a fine mist of droplets in the atmosphere.

EN 13034



### EN 1149 -5:2008

Electrostatic requirements - surface resistivity (test method and requirements). This tests for the removal of electrostatic to avoid sparks that could cause fire/hazard to the wearer.

EN 1149



### EN 14126: 2003

This specifies the requirements and test methods for limited use protective clothing providing protection against infective agents.

EN 14126



### EN 1073-2: 2002

Protective clothing against radioactive contamination. Requirements and test methods for non-ventilated protective clothing against particulate radioactive contamination.

NUCLEAR PARTICLE



### EN ISO 14116 : 2008

This standard specifies the performance requirements for the limited flame spread properties of materials, material assemblies and protective clothing in order to reduce the possibility of the clothing burning and thereby itself constituting a hazard. Additional requirements for clothing are also specified.

EN ISO 14116



Indicates compliance with current European standards for chemical protective clothing.

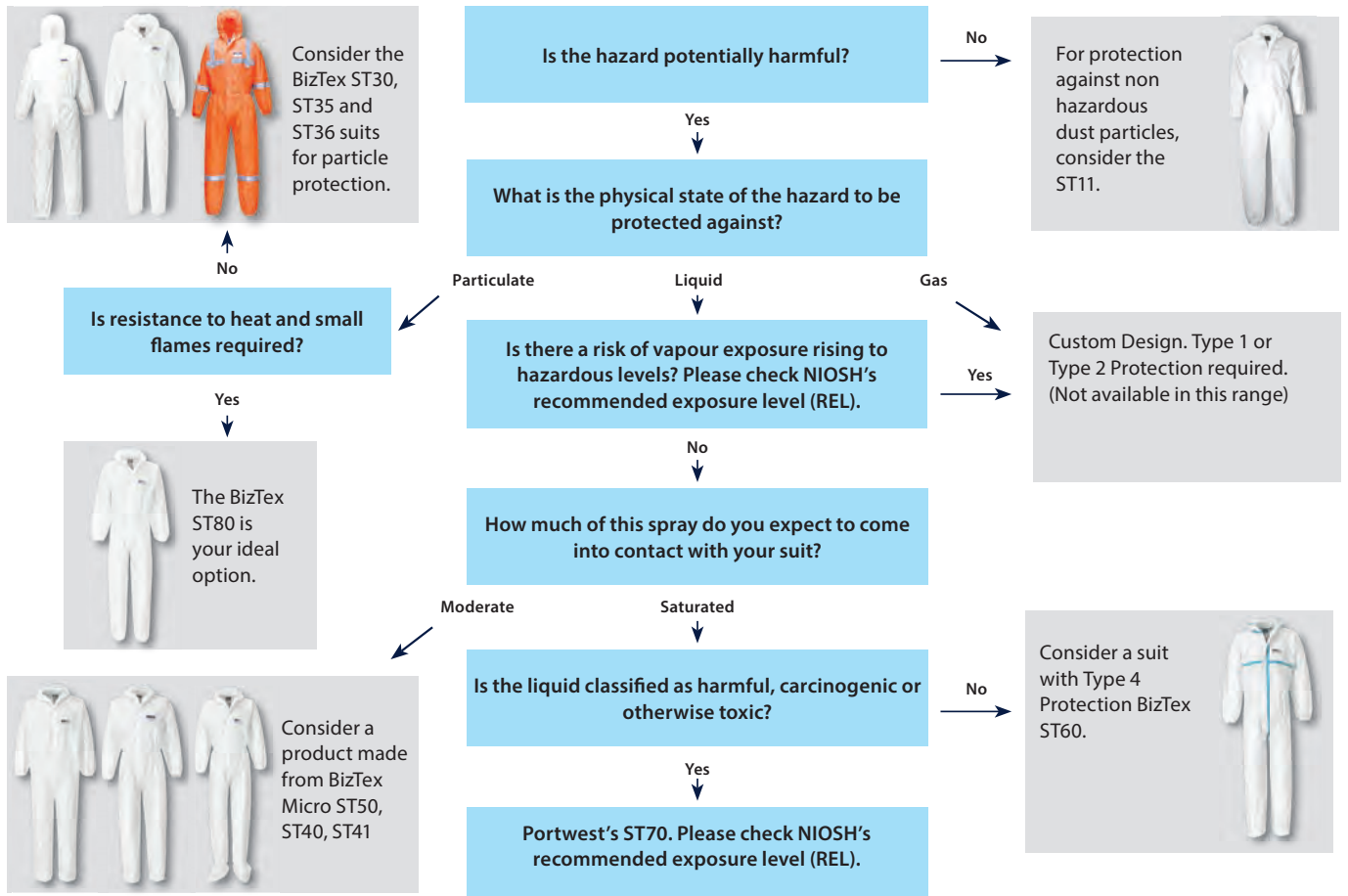
CHEMICAL PROTECTION



### ANSI/ISEA 101 2014

American National Standard for Limited-Use and Disposable Coveralls - Size and Labeling Requirements.

# BizTex Product Selector



	ST30 / ST35 ST36	ST40 ST41	ST50	ST60	ST70	ST80	ST31
CHEMICAL PROTECTION	✓	✓	✓	✓	✓	✓	✓
EN 14605 Liquid Tight Suits. (Type 3)					✓		
EN 14605 Spray Tight Suits. (Type 4)				✓	✓		
EN ISO 13982 Dry Particle Suit Type 5	✓	✓	✓	✓	✓	✓	
EN 13034 Reduce Spray Suit Type 6	✓	✓	✓	✓	✓	✓	✓
EN_1149-1 Protective Clothing: Electrostatic Properties	✓	✓	✓	✓	✓	✓	
EN 14126 Protective Clothing Against Infective Agents		✓		✓	✓		
EN 1073-2 2002 Nuclear Particle			✓	✓	✓	✓	
EN ISO 14116 Protective Clothing Against Limited Flame Spread Materials and Material Assemblies						✓	

## Performance Chart for Garments Constructed from BizTex Microporous Fabric and BizTex SMS Fabric

PHYSICAL FABRIC TEST The fabric used in these garments is designated BizTex SMS fabric and BizTex Microporous fabric.			BizTex SMS FABRIC CLASS	BizTex MICROPOROUS FABRIC CLASS	BizTex SMS FR FABRIC CLASS
Abrasion Resistance	EN530	Class 1 (min) - 6 (max)	1	2	1
Flex Cracking Resistance	ISO 7854 B		4	5	4
Trapezoidal Tear Resistant	ISO 9073-4 MD	Class 1 (min) - 5 (max)	1	3	1
	ISO 9073-4 XD	Class 1 (min) - 5 (max)	2	1	1
Tensile Strength	ISO 13934-1 MD	Class 1 (min) - 5 (max)	2	1	2
	ISO 13934-1 XD	Class 1 (min) - 5 (max)	1	3	2
Resistance To Ignition	EN13274-4		Pass	Pass	Pass
Puncture Resistance	EN863	Class 1 (min) - 3 (max)	1	1	1
Stream Strength	ISO 13935-2	Class 1 (min) - 5 (max)	4	3	4
Fire Retardancy	EN14116:2008				Index 1

CHEMICAL FABRIC TESTS Resistance To Chemical Penetration EN368	BizTex SMS FABRIC		BizTex MICROPOROUS FABRIC		BizTex SMS FR FABRIC	
	Repellency Class	Penetration Class	Repellency Class	Penetration Class	Repellency Class	Penetration Class
Sulphuric Acid 30% - Class 1 (min) - 3 (max)	3	3	3	3	2	3
Sodium Hydroxide 10% - Class 1 (min) - 3 (max)	3	3	3	3	2	3
Isopropanol - Class 1 (min) - 3 (max)	0	0	3	3	1	2

## Industries and Hazards List

	Abattoirs	Aerospace	Agriculture & Farming	Agrochemical Handling	Asbestos Handling	Automotive	Bioengineering	Biological Hazards	Utilities	Chemical Handling	Civil Protection	Clean Room	Construction	Decontamination	Disease/Disaster Management	Painting & Decorating	Electronics	Engineering	Food Processing	Forensic Science	Hazardous Materials	Industrial Clean-Up and Maintenance	Janitorial	Medical	Military	Nuclear Industry	Oil/Grease-Related Environments	Oil & Gas	Paint Handling/Isocyanate	Petrochemical	Pharmaceutical	Police	Printing	Powder Coating	Roof Insulation	Steel Making	Veterinary Services	Warehousing	Waste Management						
ST30	✓	✓	✓		✓			✓	✓	✓	✓		✓			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓					✓	✓		✓	✓		✓	✓								
ST35	✓	✓	✓		✓			✓	✓	✓	✓		✓			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓					✓	✓		✓	✓		✓	✓		✓	✓					
ST36	✓	✓	✓		✓			✓	✓	✓	✓		✓			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓					✓	✓		✓	✓		✓	✓		✓	✓					
ST40	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
ST41	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
ST50	✓	✓	✓		✓			✓	✓	✓	✓		✓			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
ST60	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
ST80	✓	✓	✓		✓			✓	✓	✓	✓		✓			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
ST70	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓



ANTI STATIC



CHEMICAL PROTECTION



EN 13982-1



EN 13034



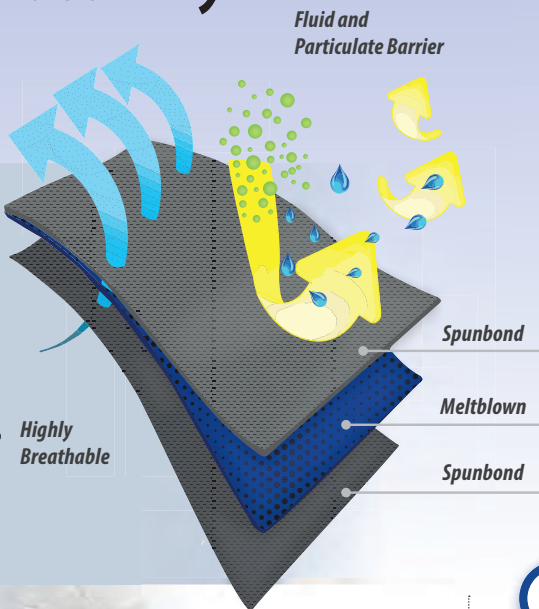
EN 1149



EN 1073-2

# Strong Breathable Protection Against Hazardous Dry Particles

Portwest BizTex SMS products are manufactured with an integrated three layer polypropylene construction: spunbond / meltblown / spunbond giving a breathable barrier.



### Suggested Industry Uses:

- Janitorial •
- Painting & Decorating •
- Asbestos Handling •
- Particle Protection •
- Construction •
- Pharmaceutical •

Providing EN Standard Protection



5 6

### ST30 BizTex SMS Coverall Type 5/6

50  
25



EN ISO 13982 TYPE 5  
EN 13034 TYPE 6  
EN 1149-5  
EN 1073-2  
ANSI/ISEA 101

100%



ANSI/ISEA 101

This SMS coverall is generous fitting and easy to put on over work clothes. Offers excellent protection to Type 5 & 6. High tear and abrasion resistance make it highly durable. Features include elasticated hood, wrists, waist and ankles.

BizTex SMS 55g  
White S-4XL  
Navy M-3XL

LOW LINT



CHEMICAL PROTECTION



EN 13982-1



EN 13034



EN 1149



EN 1073-2

# BIZTEX™

# SMS

ANTI STATIC

Hood

Sealable zip storm flap

Knitted cuff

Elasticated hem

Ergonomically shaped hood

**NEW**

Two-way zipper

Elasticated cuffs

HiVisTex Pro reflective tape

## New Improved Hood Fit, Robust Zip and Additional Certification

**5 6**

### ST35 BizTex SMS Coverall With Knitted Cuff Type 5/6



EN ISO 13982 TYPE 5  
EN 13034 TYPE 6  
EN 1149-5

Highly breathable SMS material. Knitted cuffs and elastic waist and ankles for a better fit and freedom of movement. Low-linting/Anti-static treatment.

BizTex SMS 55g  
 White M-XXL

**LOW LINT**

**5 6**

### ST36 VisTex Coverall SMS



EN 13034 TYPE 6  
EN ISO 13982 TYPE 5  
EN 1149 -5  
EN 1073-2

This SMS coverall features Hi-Vis reflective tape for enhanced visibility at night or in dim lighting conditions. This trilaminate constructed fabric offers a high tensile strength and toughness. It provides a fluid and particulate barrier to protect the worker without hindering mobility and comfort.

**3XL**

BizTex SMS 55g  
 Orange M-3XL

**LOW LINT**





ANTI STATIC

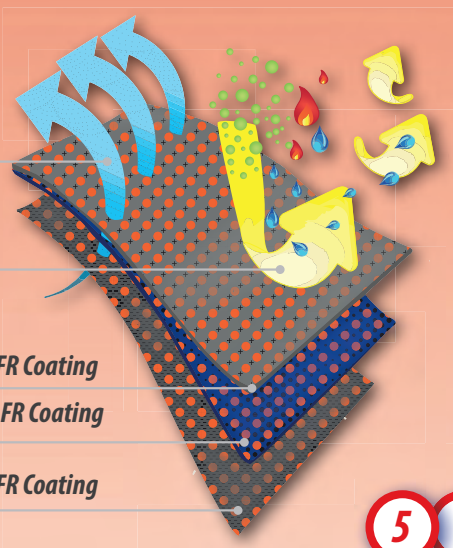
FLAME RESISTANCE



*When hazardous dust and exposure to potentially explosive or flammable materials is a risk choose the BizTex FR Suit.*

Highly Breathable

Fluid and Particulate Barrier



Spunbond with FR Coating

Meltblown with FR Coating

Spunbond with FR Coating



**ST80 BizTex SMS 5/6 FR Coverall**

- 50/25 CE EN 13034 TYPE 6
- EN ISO 13982 TYPE 5
- EN 1149-5
- EN 1073-2
- EN ISO 14116 INDEX 1



The SMS FR Coverall was developed using innovative non-woven fabric technology. The fabric is breathable, generously cut and comfortable to wear for prolonged periods of time. The main characteristic of this coverall is the resistance to noxious dust and splash as well as being anti-static and fire resistant.

Biztex SMS FR 55g  
White M-3XL

**LOW LINT**

**Suggested Industry Uses:**

- Biological Hazards ·
- Electronics ·
- Mining ·
- Oil & Gas ·
- Petrochemical ·
- Utilities ·
- Spray Painting ·
- Industry Use ·







MICRO  
SMS

ANTI STATIC

Combining all the benefits of the Biztex SMS and Biztex Micro collections, including anti-static properties, high tensile strength, protection from fluid and particle penetration while maintaining comfort and optimum mobility.



**ST50** BizTex Microcool 6/5 Coverall

50  
25  
CE  
EN 13034 TYPE 6  
EN ISO 13982 TYPE 5  
EN 1073-2  
EN 1149-5

100%  
100%

3XL

This coverall offers enhanced comfort and protection. It offers Type 5 and 6 protection with a breathable comfort panel. The unique design encompasses a combination of two fabrics BizTex SMS and BizTex Micro, beginning at the neck, and continuing down along the back of the body, to the knees. It provides an excellent chemical barrier and lint free properties along with extra breathability and comfort.

BizTex PP/PE & SMS 60g  
White M-3XL

LOW LINT



CHEMICAL PROTECTION



EN 13982-1



EN 13034



EN 1149



EN 1073-2



**BizTex SMS FR Accessories**

**ST85**

**2**

**BizTex SMS FR Boot Cover Type 6PB**

EN 13034 TYPE 6 PB  
EN 1149-5

Biztex SMS FR 55g  
White One Size



EN 13034



EN ISO 14116



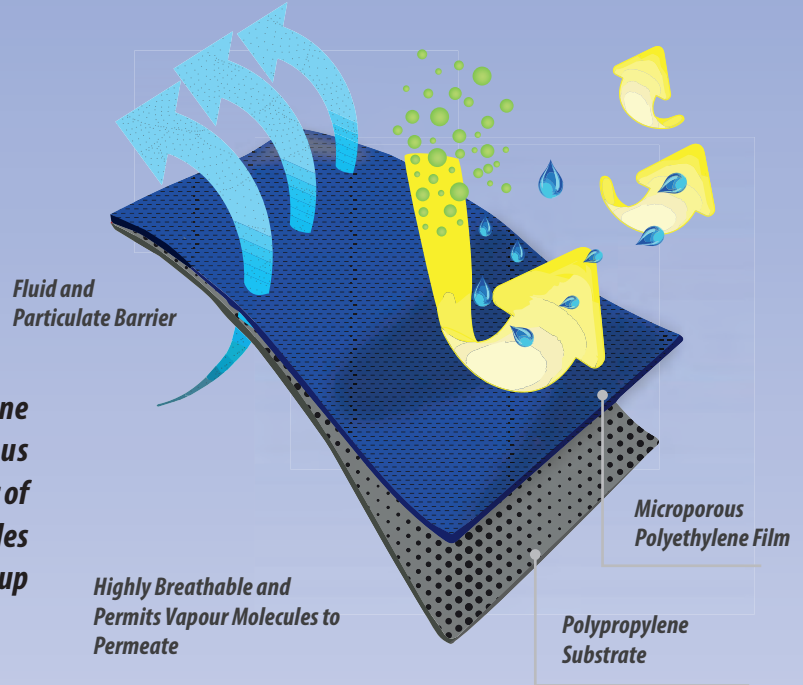
200  
25

100%



# Anti-Static Breathable Protection Against Liquid Hazards

Portwest's BizTex Micro fabric is a polypropylene substrate to which a laminated microporous polyethylene layer is applied (PP/PE). The outer layer of the fabric prevents the passage of liquid molecules inwards yet permits the vapour molecules that build up inside permeate.



EN 14126 Classification Table	Test	Minimum Performance	BizTex Micro Results
Blood-Borne Pathogen	ISO 16604	20 kPa	CLASS 6
Synthetic Blood Penetration Resistance	ISO 16603	-	-
Contaminated Liquid Aerosols Penetration Resistance	Blood	Log > 5	CLASS 3
Contaminated Solid Particles Penetration Resistance	ISO 22612	Log ufc < 1	CLASS 3
Wet Bacteria Penetration Resistance	ISO 22610	t > 75	CLASS 6

### CERTIFICATION & TESTING

EN 14126 is the standard that guarantees protection against biological hazards and infective agents such as Severe Acute Respiratory Syndrome (SARS), Ebola Virus and Avian Influenza. The BizTex ST60 performs at the top level in four of the five tests used to certify garments to EN 14126 as shown on the table above.



**The ST60 from Portwest BizTex Range is the ideal choice for workers at risk of biological infective hazards.**

**4 5 6**

**ST60 BizTex Microporous 4/5/6 Coverall**

50  
25



EN 14605 TYPE 4  
EN 13034 TYPE 6  
EN ISO 13982 TYPE 5

100%



EN 1149-5  
EN 14126  
EN 1073-2



**3XL**

The Microporous Coverall offers excellent chemical, biological and dust protection. Ultra low linting with bound tape seams, an extremely effective barrier to chemicals. Ergonomical design for unrestricted movement, comfort and breathability.

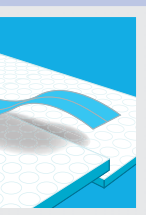
**BizTex Microporous 60g**  
**White M-3XL**

**LOW LINT**



Hood

Sealable zip storm flap



**Taped Seams**  
The taped seams on the coverall offers excellent protection against biological hazards and infective agents.

Elasticated cuffs

Elasticated hem



**Industry Use**



**Suggested Industry Uses**

- Pharmaceutical
- Forensic Science
- Medical
- Spray Painting
- Utilities
- Particle Protection
- and many more

# BIZTEX™

## MICRO

### ANTI-STATIC



Hood

Sealable zip storm flap

Elasticated cuffs

Elasticated hem



Hood

Sealable zip storm flap

Elasticated cuffs

Boot covers

Slip resistant sole



Portwest's BizTex Micro fabric is a polypropylene substrate to which a laminated microporous polyethylene layer is applied (PP/PE). The outer layer of the fabric prevents the passage of liquid molecules inwards yet permits the vapour molecules that build up inside permeate.

### ST40 BizTex Microporous Coverall Type 6/5



EN 13034 TYPE 6  
EN ISO 13982 TYPE 5  
EN 1073-2  
EN 14126  
EN 1149-5  
ANSI/ISEA 101



The spacious design guarantees a good fit and will not limit job performance. Made up of millions of polyethylene fibres that are spunbonded giving an excellent barrier, toughness and strength in all directions. Elasticated hood, ankles, cuffs and waist, along with a two-way front zip and sealable front flap.



BizTex Microporous 60g  
White S-3XL



### ST41 BizTex Microporous Coverall with Boot Covers Type 6/5



EN 13034 TYPE 6  
EN ISO 13982 TYPE 5  
EN 1149-5  
EN 14126

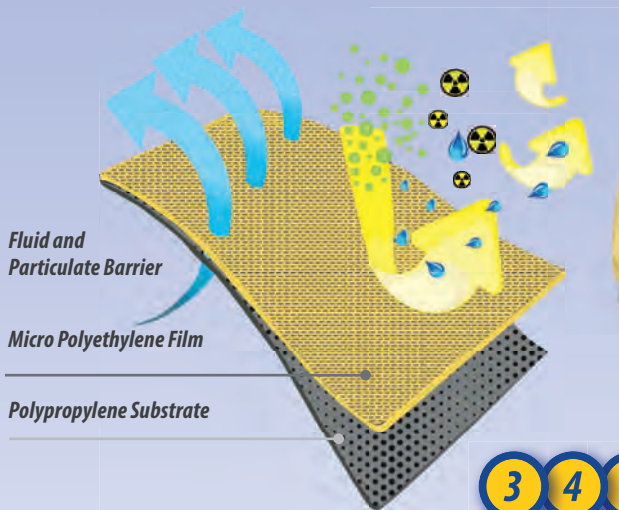


Lightweight durable coverall with superior breathability and comfort. Providing liquid-proof, particle-proof protection with a layer of bacteria filtration. This coverall includes a shoe cover, which has slip resistant soles for maximum safety when walking.

BizTex Microporous 60g  
White M-3XL



**BizTex Micro Plus provides numerous chemical protections against pressurised liquid chemicals (Type 3), and liquid aerosols (Type 4) in a lightweight and durable fabric.**



### ST70 BizTex Microporous 3/4/5/6 Coverall



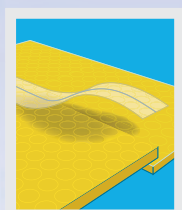
- EN 14605 TYPE 3
- EN 14605 TYPE 4
- EN ISO 13982 TYPE 5
- EN 13034 TYPE 6
- EN 14126
- EN 1073-2
- EN 1149-5

This coverall offers exceptional mechanical strength, liquid and particulate protection. The durable microporous polypropylene laminate provides an excellent barrier to chemical spray and infective agents. The fabric's physical strength and flexibility ensures protection and comfort even in the harshest environments.

**Polyporplene 50g/Polyethylene 32g**  
**Total weight 82g**  
**Yellow M-XXL**

#### Suggested Industry Uses:

- Biological Hazards
- Chemical Handling
- Decontamination
- Disease/Disaster Management
- Hazardous Materials
- Industrial Clean-Up and Maintenance
- Nuclear Industry
- Petrochemical



**Taped Seams**  
 The taped seam on the coverall offers excellent protection against biological hazards and infective agents.





ST31



**BizTex SMS  
Accessories**



**ST31 BizTex SMS Coat Type 6PB**

EN 13034 TYPE 6 PB  
 50/25 Provides a fluid and particulate barrier to protect the worker without sacrificing mobility and comfort. Stud front closing.  
 100%  
 CE BizTex SMS 55g White L-XXL



**BizTex Microporous  
Accessories**



**ST42 BizTex Microporous Apron Type 6PB**

EN 13034 TYPE 6 PB  
 300/30 Ideal for food preparation and lab work, this generously sized apron provides limited splash protection for partial body in accordance with EN13034 and EN1149-1 anti-static protection.  
 100%  
 CE BizTex Microporous 60g White One Size





# BizTex Microporous Accessories

ST50

**ST47** 2

**BizTex Microporous Sleeve with Knitted Cuff Type 6PB**  
EN 13034 TYPE 6 PB

BizTex Microporous 60g  
 White One Size

**CE CAT III**

**ST43** 2

**BizTex Microporous Sleeve Cover Type 6PB**  
EN 13034 TYPE 6 PB

BizTex Microporous 60g  
 White One Size

**CE CAT III**

ST43

## Highly Breathable and Permits Vapour Molecules to Permeate

**ST45** 2

**BizTex Microporous Boot Cover Type 6PB**  
EN 13034 TYPE 6 PB

BizTex Microporous 60g  
 White One Size

**CE CAT III**

**ST44** 2

**BizTex Microporous Shoe Cover Type 6PB**  
EN 13034 TYPE 6 PB

BizTex Microporous 60g  
 White One Size

**CE CAT III**

ST44

# FALL PROTECTION RANGE

Fall Protection is put in place to prevent the risks associated with falling from heights, reducing impact force, restricting obstacle/ground collision and restricting users from fall hazard areas. Portwest offer a full range of fall protection products for working at height.

- ANCHORAGE DEVICES
- HARNESES
- LANYARDS
- ARREST BLOCKS
- ACCESSORIES
- TOOL LANYARDS
- FALL PROTECTION KITS



PSS3 544

FP19 506

A722 428



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## Harnesses

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### EN 361:2002 Personal protective equipment against falls from a height. Full body harness.

This standard states that the harness has passed the free fall test involving a free fall drop with a 100kg weight in the harness to simulate a person. This shows how the harness will respond in a fall.

### EN 1497:2007 Personal fall protection equipment - rescue harnesses

This European standard specifies requirements, test methods, marking and information supplied by the manufacturer for rescue harnesses. Rescue Harnesses conforming to this standard are used as components of rescue systems, which are personal fall protection systems.

### EN 358:2000 Personal protective equipment for work positioning and prevention of falls from a height. Belts for work positioning and restraint and work positioning.

This standard confirms that the work positioning belt and lanyard have withstood a static force test for more than 3 minutes without releasing the load.

### EN 813:2008 Personal fall protection equipment - Sit harnesses

EN 813 specifies requirements, testing, marking and information to be supplied by the manufacturer for sit harnesses to be used in restraint, work positioning and rope access systems, where a low point of attachment is required.

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## Arrest Blocks

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### EN 360:2002 Personal protective equipment against falls from a height. Retractable type fall arresters.

This standard deals with fall arrester with self locking device and a self-retractable system for the lanyard. An energy dissipating element can be built-in to the equipment.

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## Lanyards

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### EN 354:2010 Personal protective equipment against falls from a height. Lanyards.

This standard indicates that the lanyard has withstood a free fall test without releasing the load or doing undue damage to it.

### EN 355: 2002 Personal protective equipment against falls from a height. Energy absorbers.

This standard is for lanyards with shock absorbers. These are lanyards that are suitable for attachment to a full body harness and connection to an anchorage point. The shock absorber part of the lanyard reduces the shock caused in the event of a fall being arrested by slowing down the speed of the arrest.

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## Connectors / Rope/Rope Grabs

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### EN 362:2004 Personal protective equipment against falls from a height. Connectors.

This standard shows that all connectors in this range have passed the strength test required for this standard.

### EN 353-2:2002 Personal protective equipment against falls from a height. Guided type fall arresters including a flexible anchor line.

This standard describes the different test methods for traveling devices incorporated into systems made up of a line intended to be fixed (either temporarily or permanently) to a structure.

### EN 1891:1998 Personal protective equipment for the prevention of falls from a height. Low stretch kernmantel ropes.

This standard confirms that low stretch kernmantel ropes have the ability for low extension during normal work activities but the ability to withstand forces generated by a fall.

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## Anchorage Device

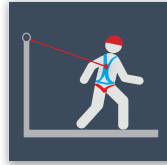
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### EN 795 :2012 Personal Fall Protection Equipment - Anchor Devices

This standard pertains to anchorage devices to be used as part of a fall protection system. It tests the devices to make sure they can withstand the maximum dynamic force generated in a fall.

# Introduction to Fall Protection

There are 3 general terms used to categorise the use of fall protection equipment.

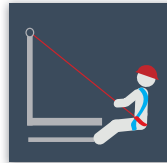


## Work Restraint

A risk assessment is carried out to determine the circumstances under which the risk of falling can be eliminated by limiting the user's movement to a safe distance from the fall hazard. This is an excellent preventative measure to insure a safe working environment at height.

### Areas of use -

- Roof top work
- Powered access equipment
- Fall protection on vehicles
- Facilities management
- And many more

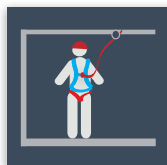


## Work Positioning

This refers to the application of fall protection equipment in scenarios where users need to be suspended in work positions for jobs that need to be carried out at height. Adequate training is required for the user in order to use fall protection equipment in this manner. It is common for this type of fall protection to be accompanied by a fall arrest system.

### Areas of use -

- Telecom
- Utilities
- Industrial rope access
- Confined space
- And many more



## Fall Arrest

Fall arrest systems aim to avoid all circumstances where the risk of falling is a hazard by arresting the fall in a safe and controlled manner. This enables the user to perform their work at height without fear of serious injury. Careful consideration is given when setting up these systems to ensure adequate clearance for the user from the ground and to avoid any contact with obstacles in the event of a fall. Moreover, a rescue plan in the event of a fall arrest occurring, is included as part of the planning process since prolonged suspension at height can be dangerous.

### Areas of use -

- Scaffolding
- Wind energy
- Tower crane erection and maintenance
- High bay pallet racking
- And many more

# Principles of Fall Protection

There are 3 main principles to consider when planning for working at height.

## Avoidance

Consider all reasonable alternatives for the work not to be performed at height if practical or possible.

## Prevention

If the work must be performed at height deploy the appropriate preventative measures and work restraint systems.

## Mitigation

In circumstances where the risk of falling cannot be prevented, consider the use of netting or other soft landing equipment together with a suitably developed work positioning and/or fall arrest system using the appropriate fall protection equipment.

## DID YOU KNOW?

Where Portwest Fall Protection products are unused and stored in a clean, dry environment they have a potential lifetime of:

- **TEXTILE PPE = 10 YEARS**
- **METALLIC PPE = LIMITLESS**

Once used, equipment should be inspected by the user before each use, and a mandatory annual inspection conducted by a trained and competent person.

# Application of Fall Protection

When considering the application of fall protection it can be easier to break it down to its 3 main area's, Anchorage points, full Body harnesses and Connection devices, the ABC of fall protection.



**A**

## Anchorage

As the name suggests this is the point of the system that will hold the weight in the event of a fall, it can be permanent or temporary depending on the requirements of the situation but it must be able to take a load of at least 10 kN.

**B**

## Full Body Harness

The harness is designed to securely hold your whole body in the event of a fall when used as part of a fall arrest system.

**C**

## Connection

The connecting devices link your full body harness to its anchorage point. Lanyard and arrest blocks are the most common connecting devices.

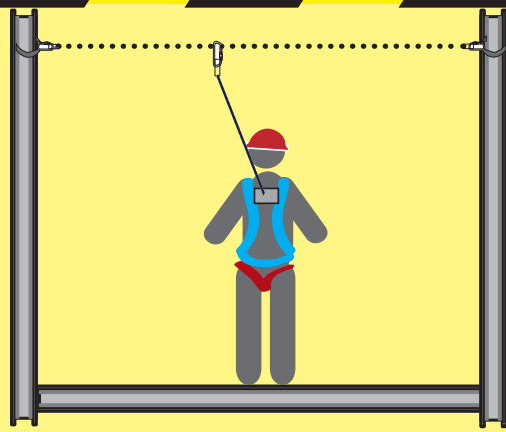
## Warning

**Training** – Fall arrest training is an essential requirement for anyone working at height.

**Rescue plan** - It is imperative that any fall arrest system includes a rescue plan as suspension at height after a fall can be hazardous for the user if experienced over a prolonged period.

# Anchorage Device

Anchorage devices are common fall protection solutions in work areas that lack existing anchor points for personnel tie-off. They are certified to the EN 795 standard, making them approved anchor points for any elevated work area that poses a risk of fall to the worker. These points are responsible for connecting the user to a lifeline or lanyard making them must-haves for the safety of workers at height.



## FP01 Temporary Horizontal Lifeline EN 795

10



Constructed with precision engineering and rigorously tested to meet industry standards, the temporary horizontal lifeline is quick and easy to install, extending up to 20 metres in length. Once elevated, this lifeline allows up to two workers to move safely along the line.

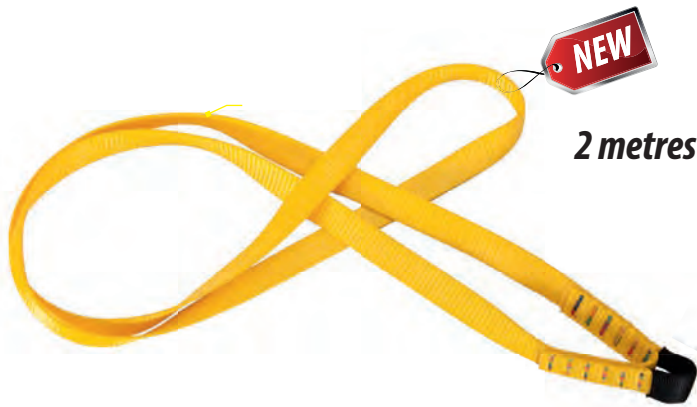


Polyester, Alloy Steel, Heat Treated  
Black/Yellow  
20 metres

20 metres



Attached Bag for Easy Transport and Storage



2 metres

## FP02 Webbing Anchorage Sling EN 795

96  
24



Engineered using heavy duty polyester webbing for ultimate durability. The 2 metre webbing anchorage sling allows the user to create a safe and reliable connection point which adjusts to a wide variety of anchorage points.



Polyester  
Yellow  
2 metres



1 metre

## FP05 Cable Anchorage Sling EN 795

80  
20



Designed with a thimble loop on each end and protective plastic casing around the wire. The 1 metre steel sling allows for easy anchorage to a variety of structures.



Steel Rope, PVC  
Silver  
1 metre

# How to Don a Harness



- 1** Hold the harness up by the back dorsal D ring.
- 2** Proceed to sling the harness over the shoulders as you would a backpack.



- 3** Starting at the top attach your chest and waist belt connections.
- 4** Reaching under your leg, grab the leg straps and wrap around each thigh and then attach to the connection points at the waist.





- 5** In order to ensure that the leg straps are tightened correctly, a flat hand (but not a closed fist) should fit between the strap and the leg.
- 6** Finally tighten all straps to a comfortable but firm fit.



**FP19** Portwest 4 Point Harness  
**Comfort Plus**  
 EN 813  
 EN 358  
 EN 361  
 EN 1497



Ergonomically designed with the users comfort in mind. The 4 Point Harness Comfort Plus has been engineered from lightweight aluminium optimising strength and durability. It provides 4 points of attachment, one rear D ring, two side D rings and an upper and lower chest D ring. Quick release buckles for easy donning. Ideal for work positioning or suspension work.

 Polyester Webbing, Aluminium, Alloy Steel, Heat Treated  
 Red/Blue One Size

**Ergonomically Designed  
 with Comfort in Mind**

## FP18 Portwest 3 Point Harness

### Comfort Plus

EN 358  
EN 361

CE  
CAT  
III

This universal harness incorporates all fall arrest and protection needs in one. Features include two chest loops, two side D-rings, sliding dorsal D-ring, two seating loops and two lower back rings. Fully adjustable with shoulder, back and seat padding for extra comfort.

 Nylon Webbing  
 Red/Yellow One Size

## Extra Padding for Superior Comfort



## FP15 Portwest 2 Point Harness

### Comfort Plus

EN 358  
EN 361

CE  
CAT  
III

This full body harness, with a breathable contoured backpad, provides ultimate comfort and safety when working at height. Featuring an extended D-Ring shoulder strap arrangement for easy dorsal fittings and two side D-rings.

 Nylon Webbing  
 Black/Yellow One Size

## Breathable Contoured Backpad





Chest adjustment point

Rear D-ring

Padded belt

Side D-rings



**FP14 Portwest 2 Point Harness**

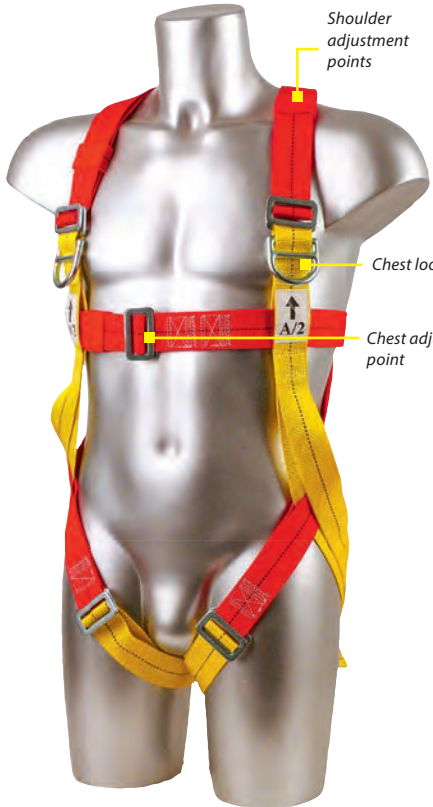
**Comfort**

EN 358  
EN 361



Ergonomic harness with a sliding dorsal D-Ring. Features a breathable contoured backpad, two side D-Rings and flat bar buckles which are easy to use and fail safe. Constructed using polyester straps for ultimate durability. The waist, chest and leg adjusters offer excellent fit and user comfort.

 **Polyester Webbing**  
 **Red/Blue One Size**



Shoulder adjustment points

Rear D-ring

Chest loops

Chest adjustment point

**FP10 Portwest 2 Point Harness Plus**

EN 361





Ergonomic, lightweight basic harness with a sliding dorsal D-Ring. Features two chest D-Rings and flat bar buckles that are easy to use and fail safe. Constructed using nylon webbing straps. The chest and leg adjusters offer excellent fit and user comfort.

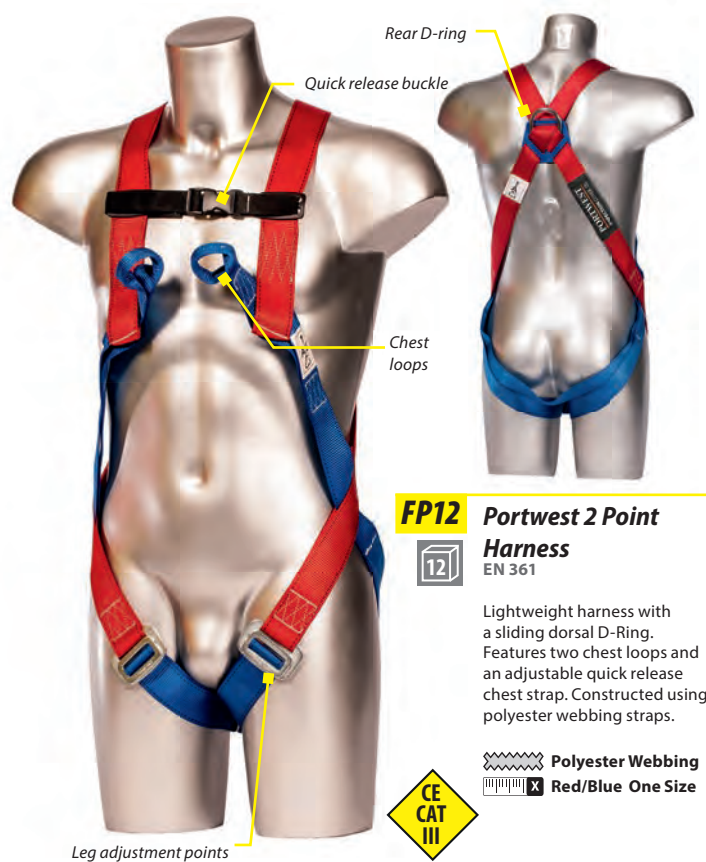
 **Nylon Webbing**  
 **Red/Yellow One Size**



**FP13** Portwest Front & Rear Harness  
EN 361



This full body harness features front and back D-rings and is widely used in the construction industry. It is light weight and easy to use.

 Polyester Webbing  
 Red/Blue One Size



**FP12** Portwest 2 Point Harness  
EN 361


Lightweight harness with a sliding dorsal D-Ring. Features two chest loops and an adjustable quick release chest strap. Constructed using polyester webbing straps.

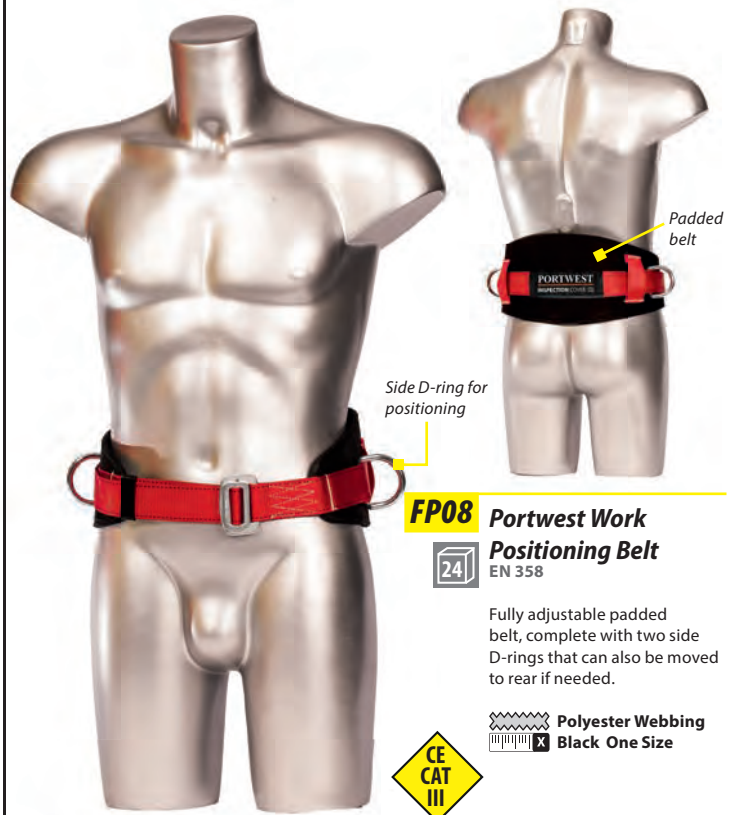
 Polyester Webbing  
 Red/Blue One Size



**FP11** Portwest 1 Point Harness  
EN 361

Suitable for fall arrest or work restraint systems, our entry level full body harness is light weight and easy to use, allowing you a secure fit.

 Polyester Webbing  
 Red/Blue One Size



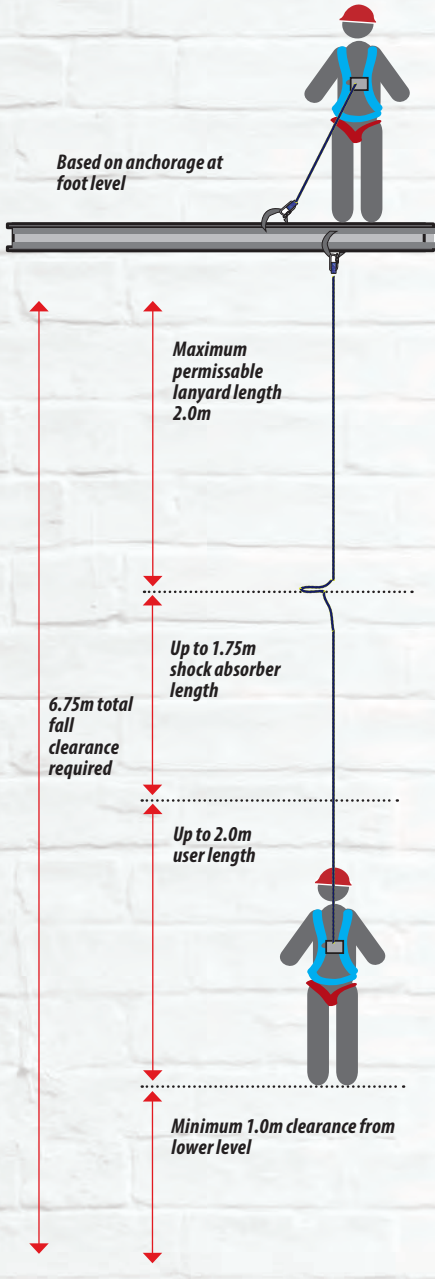
**FP08** Portwest Work Positioning Belt  
EN 358

Fully adjustable padded belt, complete with two side D-rings that can also be moved to rear if needed.

 Polyester Webbing  
 Black One Size



# Lanyard Fall Clearances



# Lanyard



**FP20** Kernmantle Lanyard  
EN 354



Developed for continuous protection while working at heights, this strong, durable 150cm Kernmantle Rope Lanyard has a scaffold hook and a carabiner.

Polyester Rope, Alloy Steel, Heat Treated  
 White



**FP21** Single Lanyard  
EN 354



This 150cm lanyard is made from polyester rope with a scaffold hook and a carabiner.

Polyester Rope, Alloy Steel, Heat Treated  
 White



**FP22** Adjustable Restraint Lanyard  
EN 354  
EN 358



Adjustable rope lanyard ideal for work restraint. It is 200cm in length including connectors.

Polyester Rope  
 White



**FP23** Single Lanyard With Shock Absorber  
EN 355  
EN 362



This lanyard is 180 cm in total, including 120cm rope, tear open energy absorber, snap hook and a scaffold hook.

Polyester Rope  
 White







### FP25 Double Lanyard With Shock Absorber

EN 355  
EN 362



The double end lanyard has two 120cm ropes with a tear open energy absorber, two scaffold hooks and one snap hook. 180cm in total including scaffold hooks and snap hook.

Polyester Rope  
 White



### FP26 Work Positioning Lanyard with Grip Adjuster

EN 358



Designed to optimise strength, durability, and flexibility. This 2 metre adjustable kernmantle rope lanyard is ideal for work positioning. A snap hook and an adjustable rope grab, allows for quick and easy positioning when working at height.

Kernmantle Rope, Steel Alloy, Heat Treated  
 White



### FP50 Webbing Lanyard With Shock Absorber

EN 354  
EN 355  
EN 362



This lanyard is made with polyester webbing and includes an energy absorber, a self locking carabiner and scaffold hook. It is 180cm long including connectors.

Polyester Webbing  
 Blue



### FP51 Double Lanyard Webbing With Shock Absorber

EN 354  
EN 355  
EN 362



Double ended lanyard featuring high quality webbing, hooks, carabiner and shock absorber. It is 180cm long including connectors.

Polyester Webbing  
 Blue



### FP52 Double Lanyard Elasticated With Shock Absorber

EN 354  
EN 355  
EN 362

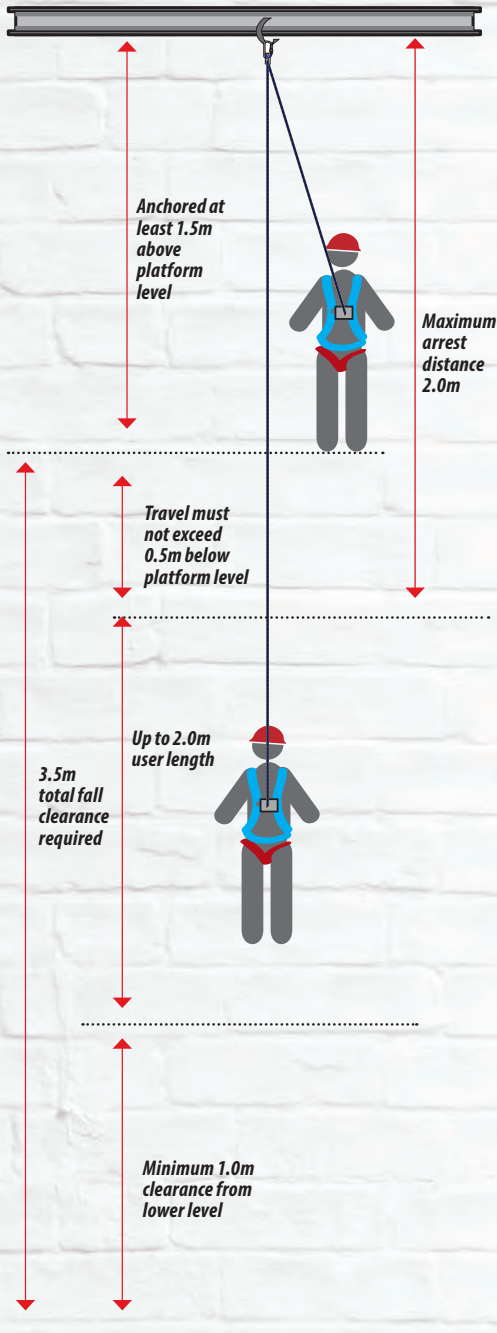


This double ended elasticated lanyard features a shock absorber, two scaffold hooks, a carabiner and is made from elasticated polyester webbing. It is 180cm long including connectors when fully extended.

Polyester Webbing  
 Hi-Vis Yellow



## Fall Arrest Block Clearance



## Automatic Fall Arrest Block

Automatic fall arrest blocks could be compared to the seatbelt of a car. The life line is coiled inside high quality durable housing where it can extend and retract. This means the line is under constant tension ensuring that there is no slack thus reducing the risks of trip or slip hazards. In the event of a fall the arrest block will lock and stop your fall after a short distance. Designed to be used with all Portwest harnesses and connectors.



### FP41 Steel Rope Fall Arrest Block

EN 360  
EN 362

4



This fall arrest block comprises of a retractable lifeline made of wire rope which is stored on a reel within a protective housing. The reel is spring-based to wind the retractable lifeline in. The reel incorporates an inertia brake mechanism, which allows the lifeline to be slowly extracted and automatically retracted to accommodate the user's body movements. It also comprises of a swivel snap hook with a double safety lock and fall indicator.

Steel Rope, ABS Plastic Shell 10 metres  
Black



### FP40 Web Fall Arrest Block

EN 360  
EN 362

12



3 metre retractable webbing lifeline including a carabiner and swivel snap hook with double safety lock with load indicator. Manufactured using ultra high molecular weight polyethylene webbing, this arrest block is high strength, light weight, UV and water resistant.

ABS Plastic Shell, Polyethylene Webbing 3 metres  
Hi-Vis Orange



### FP48 Self Retract Lifeline

EN 360  
EN 362

20



1.35 metre retractable webbing lifeline including a carabiner, shock absorber and swivel snap hook with double safety lock and load indicator. The webbing is manufactured using ultra high molecular weight polyethylene. This next generation arrest block is high strength, light weight, UV resistant and water resistant.

ABS Plastic Shell, Polyethylene Webbing 1.35 metres  
Black

# Accessories Range



## FP39 Wire Hook Anchorage Connector

20

EN 362

Stainless steel anchorage connector for quick docking. Its breaking load is 23kN. It has a gate opening of 100mm.



Stainless Steel

Silver One Size



## FP35 Scaffold Hook

EN 362

25

Steel forged scaffold hook. Length: 220mm, Gate opening: 52mm. Breaking load: 25kN.



Alloy Steel, Heat Treated  
 Silver One Size



## FP36 12mm Detachable Rope Grab

36

EN 353-2

In the event of a fall the rope grab becomes locked and prevents decline. Attachment ring allows connection of lanyard or any number of other products. Removable feature allows rope grab to be attached or detached anywhere along the lifeline. Trailing feature allows rope grab to follow user providing freedom of movement.



Stainless Steel  
 Silver One Size



## FP30 Carabiner

EN 362

100  
10

Steel oval carabiner with screw lock, length: 106mm, opening: 19mm. Breaking load: 25kN.



Alloy Steel, Heat Treated, Zinc  
 Silver One Size



FP27

10m x 12mm

## FP27 10 Metre Static Rope

EN1891

20



FP28

15m x 12mm

## FP28 15 Metre Static Rope

EN1891

12



FP29

30m x 12mm

## FP29 30 Metre Static Rope

EN1891

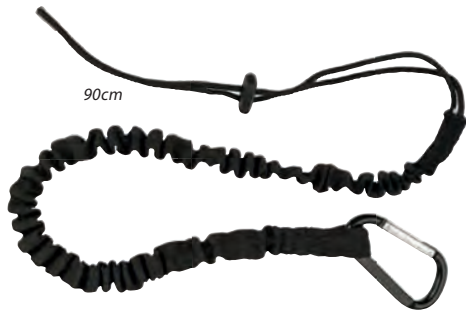
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12mm diameter kernmantle static rope. Ideal for use with detachable rope grab. Kernmantle rope is a low stretch, high strength rope with a tightly woven mantle skin that prevents the product from untangling, making this product acceptable for all uses including running a speed line.

Kernmantle Rope  
 White

# Tool Lanyard



## FP34 Tool Lanyard

x24  
10

Essential for anyone working at height the tool lanyard can be attached to the user's wrist or person. This can be done using the carabiner or elasticated drawstring, leaving the other end attached to your tool. This item prevents your tool from becoming a dangerous falling object and a safety hazard when working at height.



Polyester  
 Hi-Vis Green 90cm



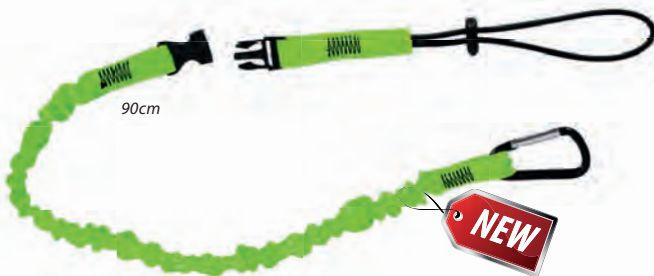
## FP49 Helmet Lanyard

x24  
10

Introducing the ultimate in helmet safety, the helmet lanyard is essential when working at height. One end of the lanyard attaches to the helmet and the other end attaches to the users clothing, preventing the helmet from falling and causing injury.



Polyester Webbing, Plastic  
 Hi-Vis Green 80cm



## FP44 Quick Connect Tool Lanyard

x24  
10

A versatile tool lanyard which prevents falling objects from a height. Specifically designed to be interchangeable with FP45, suitable for quick and easy exchanges of multiple tools.



Polyester Webbing, Plastic  
 Hi-Vis Green 90cm



## FP45 Quick Connect Clips (x3)

x24  
10

3 pack of interchangeable connectors which attaches to the FP44 Tool Lanyard. Quick and easy exchange of multiple tools.



Polyester Webbing, Plastic  
 Hi-Vis Green 30cm

## FP98 Suspension Trauma Safety Straps

80  
10

2

The straps are designed to be used after a fall arrest has occurred to stop the harness from damaging your circulation when you are suspended in it.

Polyester Webbing  
 Black  
Adjustable size



MAX  
100KG

## FP99 Nylon Drawstring Bag

60

This versatile drawstring bag is high strength yet lightweight, making it ideal for securely holding your fall protection products.

100% Nylon, PU Coated  
 Black 75cm X 55cm



# Fall Protection Kit

## FP60 Restraint Kit

- Work Positioning Belt
- Single Lanyard with Carabiner and Scaffold Hook
- Nylon Drawstring Bag



## FP61 Low Level Fall Arrest Kit

- 2 Point Harness
- Self Retract lifeline (1.35m)
- Carabiner
- Nylon Drawstring Bag



## FP62 Fall Arrest Kit

- 2 Point Harness
- Single Lanyard with Shock Absorber, Snap Hook and Scaffold Hook
- Nylon Drawstring Bag



## FP63 Industrial Kit

- 2 Point Harness
- Steel Rope Fall Arrest Block
- Single Lanyard with Carabiner and Scaffold Hook
- Carabiner
- Nylon Drawstring Bag



## FP64 Scaffolding Kit

- 2 Point Harness Comfort Plus
- Double Lanyard with Shock Absorber, Snap Hook and 2 Scaffold Hooks
- Nylon Drawstring Bag



## FP65 Construction Kit

- 2 Point Harness Comfort Plus
- Single Lanyard with Carabiner and Scaffold Hook
- Double Lanyard with Shock Absorber, Snap Hook and 2 Scaffold Hooks
- Nylon Drawstring Bag



## FP66 10m Roofing Kit

- 2 Point Harness
- Carabiner
- 12mm Detachable Rope Grab
- 10 metre Kernmantle Static Rope
- Nylon Drawstring Bag



## FP67 15m Vertical Descent Kit

- 2 Point Harness
- Carabiner
- 12mm Detachable Rope Grab
- 15 metre Kernmantle Static Rope
- Nylon Drawstring Bag



## FP68 30m Ascending/Descending Kit

- 2 Point Harness
- Carabiner
- 12mm Detachable Rope Grab
- 30 metre Kernmantle Static Rope
- Nylon Drawstring Bag





# HEAD PPE RANGE

Portwest Head PPE range applies the latest standards, to deliver the highest level of protection. Comfortable and lightweight, the PPE range will ensure a pleasant wear, even for long periods of use. Your safety is our mission.

**164** *Styles*

- RESPIRATORY PROTECTION
- EYE PROTECTION
- HEAD PROTECTION
- HEARING PROTECTION

# Respiratory Protection

Our Safety range of Full Face Masks and Half Masks, is designed to offer the most comfortable and best fitting product. A user-friendly range with interchangeable filters, fitting with many different models of our full face and half face masks. Breathe easier with Portwest!



## EN 136: 1998

### Respiratory Protective Devices - Full Face Masks.

This European Standard specifies minimum requirements for full face masks for respiratory protective devices.

## EN 140: 1998

### Respiratory Protective Devices - Half Masks and Quarter Masks.

This European Standard specifies minimum requirements for half masks and quarter masks for use as part of respiratory protective devices, except escape apparatus and diving apparatus.

## EN 14387: 2004

### Respiratory Protective Devices - Gas Filter(s) And Combined Filter(s).

This European Standard refers to gas filters and combined filters for use as components in unassisted respiratory protective devices.

## EN 143: 2000

### Respiratory Protective Devices - Particle Filters

This European Standard specifies particle filters for use as components in unassisted respiratory protective devices with the exception of escape apparatus and filtering face pieces.

## EN 148-1 : 1999

### Respiratory Protective Devices: Threads for facepieces. Standard thread connection

## DO YOU KNOW?

What's the Difference between Low/Medium/High Capacity Filters?

Higher Capacity /Class means:

- bigger quantity of activated charcoal inside the filter.
- longer duration of the filter.
- higher volume and weight of the filter.
- higher breathing resistance.

Example: A B2 filter gives the same type of protection as a B1 filter but it will have a longer durability. On the other hand it's probably less comfortable to use because it's heavier and has higher breathing resistance.

## How to Protect Yourself? Easy! 4 Steps to Choose the Appropriate Respiratory Protection.

### STEP 1- Identify the Hazard.

#### SOLID PARTICLES

**Dust** = Solid particles of several sizes generated by crushing solid materials.

**Mist** = Particles of evaporated liquid (water or organic basis).

**Fumes** = Small size particles of evaporated or melted solids, generally coming from combustion.

**HAZARD SOLUTIONS**  
= need a mechanical and electrostatic filter:

**FFP1/P2/P3**

**+ P FILTER**

#### AIRBORNE SUBSTANCES

**Gas & Vapors** = Substances that are normally airborne. Could be fluid generated by the passage from liquid or solid status to airborne, through evaporation or boiling.

**Airborne substances**  
= need an activated charcoal filter  
+ A/B/E/K or combined filter.

### STEP 2- Identify the Toxic Agent

### STEP 3-Identify the Concentration & Compare with the Exposure Limit.

TLV = contaminant concentration to which the user may be exposed without health effects .

a)Threshold limit value - Time weighted average (TLV-TWA): Average exposure on the basis of a 8h/day, 40h/week work schedule.

b)Threshold limit value - Short-term exposure limit (TLV-STEL): Spot exposure for a duration of 15 minutes, that cannot be repeated more than 4 times per day with at least 60 minutes between exposure periods.

c)Threshold limit value - Ceiling limit (TLV-C): Absolute exposure limit that should not be exceeded at any time.

### STEP 4-Select the Type of protection.

Gas and Vapours Filters			Dust and Aerosol Filters		
Type	Colour Code	Application	Type	Colour Code	Application
A		Organic Vapours and Gases with a boiling point of 65C and above (solvents and hydrocarbons).	P1		Protects from non-toxic dust and/or water-based aerosols.
B		Inorganic Vapours and Gases (excluding Carbon Dioxide/Monoxide).	P2		Protects from slightly toxic or irritating solid aerosols and / or liquids.
E		Sulphur Dioxide and other Acidic Vapours and Gases.	P3		Protects from solid aerosols and / or liquids listed as toxic.
K		Ammonia and its Organic Ammonia Derivatives Vapours and Gases.			

#### Gas & Vapours Filters: Absorption Capacity

Class 1: Low capacity filter (pollutant concentration < 0.1% or 1000 ppm\*).

Class 2: Average capacity filter (pollutant concentration < 0.5% or 5000 ppm\*).

Class 3: High capacity filter (pollutant concentration < 1% or 10 000 ppm\*).

\*ppm = concentration in parts per million

# Full Face Mask - Universal Thread

**NEW**



## Class 3 Full Face Mask for Protection Against Flame and Thermal Radiation



**P516** Helsinki Full Face Mask - Universal Thread

EN 136 CLASS 3  
EN 148 - 1  
EN 166 1 K



The Helsinki full face mask is made with a soft thermoplastic rubber face seal and features a panoramic viewer. The internal silicone face piece is equipped with two inhalation valves to reduce fogging and improve comfort. This mask features standard thread connection according to EN 148-1. It can be used with all filters supporting the same standard (gas, particles or combined and motorized equipment). Filters are not included (sold separately).



Thermoplastic Rubber, Polycarbonate, Silicone, ABS  
Blue One Size

**NEW**



## Safety Filter Selection Guide

Universal Thread Filters EN 148 - 1

Code	Filter Type	Class	Box Qty	
			Box Qty	Box Qty
P906	A2 Gas Filter Universal Tread	A2	x6 6	1
P926	ABEK2 Gas Filter Universal Tread	ABEK2	x6 4	1
P946	P3 Particle Filter Universal Tread	P3R	x6 6	1
P956	A2P3 Combination Filter Universal Tread	A2P3	x6 4	1
P976	ABEK2P3 Combination Filter Universal Tread	ABEK2P3R	x6 4	1



# Full Face Bayonet Masks

## Class 2 Full Face Mask for General Use



### P500 Vienna Full Face Mask EN 136 CLASS 2



Full Face Mask with dual bayonet filter connection and ABS filter holders. Polycarbonate visor offering panoramic vision with anti-scratch and anti-fog treatment. Adjustable ergonomic harness with 6 fast release buckles attached to the rigid body of the mask which guarantees a more uniform seal to the users face. Filters sold separately.

Thermoplastic Rubber  
 Black One Size



Anti fog/anti scratch visor.

6 attachment point harness for a uniform seal.

Twin bayonet filters for better balance and vision.

**NEW**



P902



P921



P941



P952



P971

**NEW**

## Safety Filter Selection Guide

Bayonet Filters EN143:2000/EN14387:2004



### Type A

Application: Organic Vapours and Gases with a boiling point of 65C and above (solvents and hydrocarbons).



### Type B

Application: Inorganic Vapours and Gases (excluding Carbon Dioxide/ Monoxide).



### Type E

Application: Sulphur Dioxide and other Acidic Vapours and Gases.



### Type K

Application: Ammonia and its Organic Ammonia Derivatives Vapours and Gases.



### Type ABEK

Application: Combination Filter (all of the above)



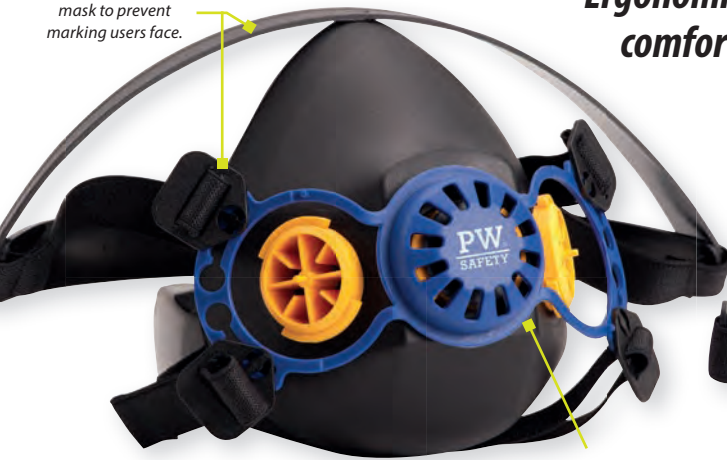
### Type P

Application: P. Dust/Particle

Code	Filter Type	Class	Box Qty	
P902	Gas Filter	A2	x16 6	1
P921	Gas Filter	ABEK1	x16 6	1
P941	Particle Filter	P3R	x16 6	1
P952	Combination Filter	A2P3	x16 4	1
P971	Combination Filter	ABEK1P3R	x16 4	1

# Half Face Bayonet Masks

Harness connected to mask to prevent marking users face.



Ergonomic shape for comfort and fit.

Harness connected to mask to prevent marking users face.



## P420 Vancouver Half Mask

EN 140



Well balanced Half Mask manufactured from durable and flexible thermoplastic rubber. Dual bayonet filter connection provides better weight balance and wider field of vision. Ergonomically designed head harness reduces pressure and provides maximum wearer comfort. ABS filter holders with frontal exhalation valve. Filters sold separately.



Thermoplastic Rubber  
 Black One Size

Frontal exhalation valve.



## P430 Geneva Half Mask

EN 140



Premium quality Half Mask manufactured from high quality silicone for exceptional fit and comfort. The support harness is attached to the rigid body of the mask. Therefore it does not mark the users face and ensures a more uniform fit. Filters sold separately.



Silicone  
 Grey One Size

Frontal exhalation valve.

NEW



P902



P921



P941

NEW



P952



P971

## Safety Filter Selection Guide

Bayonet Filters EN143:2000/EN14387:2004



### Type A

Application: Organic Vapours and Gases with a boiling point of 65C and above (solvents and hydrocarbons).



### Type B

Application: Inorganic Vapours and Gases (excluding Carbon Dioxide/ Monoxide).



### Type E

Application: Sulphur Dioxide and other Acidic Vapours and Gases.



### Type K

Application: Ammonia and its Organic Ammonia Derivatives Vapours and Gases.



### Type ABEK

Application: Combination Filter (all of the above)



### Type P

Application: P. Dust/Particle

Code	Filter Type	Class	Box Qty	
P902	Gas Filter	A2	x16 6	1
P921	Gas Filter	ABEK1	x16 6	1
P941	Particle Filter	P3R	x16 6	1
P952	Combination Filter	A2P3	x16 4	1
P971	Combination Filter	ABEK1P3R	x16 4	1

# Half Face Screw-in Mask



## P410 Auckland Half Mask

EN 140



Economical Half Mask with low profile design providing a large field of vision. Manufactured from a durable yet soft non allergic TPE material which provides an excellent fit. The soft, adjustable strap ensures perfect fit to wide face contours. Equipped with a dual (screw in) filter for enhanced breathing comfort. Sweat port on the face piece for hot and humid environments. Conforms to EN140:1998. Filters sold separately.



TPE  
Grey One Size

## Safety Filter Selection Guide

Screw-in filters EN143:2000/EN14387:2004



Code	Filter Type	Class	Box Qty	
P900	Gas Filter	A1	x32 6	1
P920	Gas Filter	ABEK1	x20 4	1
P940	Particle Filter	P3R	x32 6	1
P950	Combination Filter	A1P3R	x32 4	1
P970	Combination Filter	ABEK1P3R	x32 4	1



## What is Facepiece Fit Testing?

It is a method for checking that a respiratory facepiece matches the person's facial features and seals adequately to the wearer's face.

### What is the reason for face fit testing?

The performance of respiratory facepieces depends on achieving a good contact between the wearer's skin and the face seal of the facepiece. Peoples' faces vary significantly in shape and size so it is unlikely that one particular type, or size of respiratory device, will fit everyone.

Inadequate fit will significantly reduce the protection provided to the wearer. It is also useful for checking that a wearer can put on a respirator facepiece correctly. Correct fitting of the facepiece at all times is vital to prevent exposure.

## How is fit testing carried out?

There are two basic methods of Respiratory fit testing: Qualitative and Quantitative Fit Testing.

### Qualitative fit testing:

Is a simple pass/fail test based on the wearer's subjective assessment of the leakage, via the face seal region, of a test agent.

These tests are relatively simple to perform and are suitable for half masks and disposable masks.

They are not suitable for full face masks.

Examples of qualitative fit testing methods: method based on bitter or sweet tasting aerosol; method based odour compounds.

### Quantitative fit testing:

They require specialised equipment and are possible on all types of masks including disposable masks, half and full face masks. Quantitative tests can give an objective assessment of facial fit and provide a direct numerical result called Fit Factor. Fit Factor is a measure of how well a particular facepiece seals against the wearer's face.

A higher fit factor number means the facepiece achieved a good contact between the face seal and the face during the test.

Both Qualitative and Quantitative Fit Testing are approved by HSE and must be carried out by an experienced Fit2Fit accredited Fit Tester or a competent person trained to the HSE standard.

# Disposable Masks



Our Biztex™ brand ensures exceptional quality and performance across our full range of disposable masks. The extensive Biztex range offers a high level of protection and quality safeguarding the wearer against many workplace risks including liquid chemicals, static electricity, dry particles and radioactive contamination. The complete Biztex range includes disposable masks and limited-life garments.

BIZTEX is a trademark of Portwest.



## EN 149: 2001 +A1:2009 Respiratory Protective Devices - Filtering half masks to protect against particles

European Standard for filtering half-masks. It contains laboratory tests to check the conformity with resistance to impacts, to cleansers and disinfectants, to temperature, to flame and with respiratory resistance. With A1:2009 amendment, filtering dust masks are now classified as either single use /single shift (NR) or reusable/more than 1 shift (R).

**TLV:** Contaminant concentration to which the user may be exposed without health effects.

**TIL :** Total INWARD LEAKAGE - Leakage of the ambient atmosphere into the respiratory interface.

**NPF:** Nominal Protection Factor - Nominal level of protection given by respiratory PPE (in Laboratory conditions).

**APV:** Assigned Protection Factor - Level of protection which can realistically be expected in the workplace conditions.

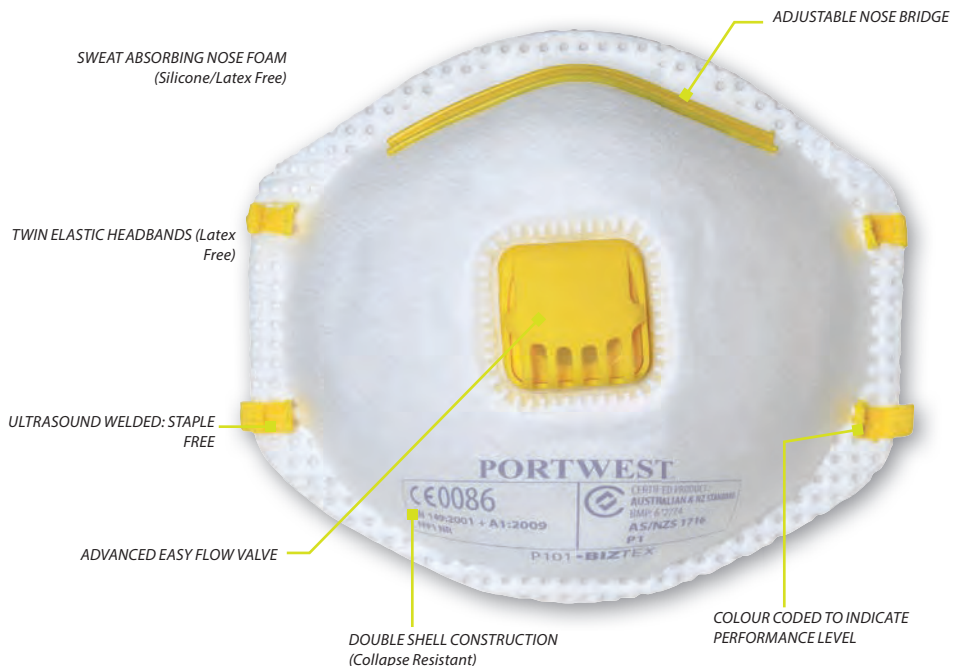
**D** **DOLOMITE TEST (D):** Optional test under EN149 for clogging with dolomite dust. Respirators which pass the dolomite clogging test are proven to provide a more comfortable breathing level and longer lasting performances of filtration. These respirators are marked with "D" letter.



## AS/NZS 1716:2003

This Standard specifies requirements for respiratory protective devices (respirators) intended to provide, according to type, varying degrees of protection against atmospheres containing substances which may be harmful if breathed in. The objective of this Standard is to provide minimum performance and testing criteria to be observed in the manufacture of respiratory protective devices.

How to Protect Yourself? Guideline			
	FFP3	FFP2	FFP1
<b>Protection</b>	Protects from solid aerosols and / or liquids listed as toxic.	Protects from slightly toxic or irritating solid aerosols and/ or liquids.	Protects from non-toxic dust and / or water-based aerosols.
<b>Examples of Application</b>	Sanding of hard wood (beech, oak), treatment of wood using copper, chrome or arsenic based products, impact stripping of paint, sanding of cement.	Sanding of soft wood, composite materials, rust, putty, plaster, plastics/cutting, milling, grinding, metal drilling.	Handling of stone, rubble, cellulose, concrete drilling.
<b>Substances</b>	Asbestos (without handling it), powdered pesticide, biological, pharmaceutical, powder, treated wood, hard wood (exotic), chromium, lime, lead.	Untreated softwood, grinding, cutting, welding, milling, coal, glass fiber, mineral fiber, powdered pesticide, grain dust.	Flour, calcium carbonate (chalk), graphite, cotton, dust concrete.
<b>% Min of Filtration:</b>	<b>99%</b>	<b>94%</b>	<b>80%</b>
<b>Total Inward Leakage (TIL)</b>	<b>2%</b>	<b>8%</b>	<b>22%</b>
<b>Nominal Protection Factor (NPF)</b>	<b>50 x TLV</b>	<b>12,5 x TLV</b>	<b>4,5 x TLV</b>
<b>Assigned Protection Value (APV)</b>	<b>20 x TLV</b>	<b>10 x TLV</b>	<b>4 x TLV</b>



# FFP3

## P391 EAGLE FFP3 Valved Dolomite Fold Respirator

x30  
10

D

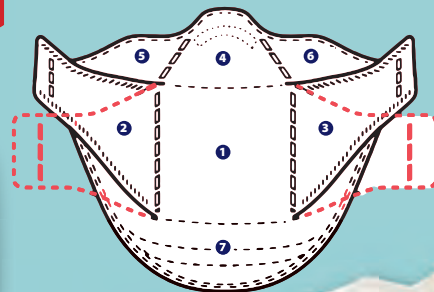


Innovative compact folding mask with 7 dynamic parts providing excellent facial movement with maximum comfort. Valved and with inner foam to increase the comfort of the wearer. DOLOMITE optional clogging test. An individual polybag and special flat shape make it easy to store and vending machine ready.



Individual Polybag

NEW



NEW

## P371 ERGONET FFP3 Valved Dolomite Respirator

x30  
5

D



EN 149 FFP3 NR D  
Ergonomically designed to fit most face shapes, this respirator has a soft outer net cover to protect and retain its shape. Its high performing exhalation valve works efficiently to reduce heat inside the mask and provides comfort when used in hot and humid conditions. Other features include an innovative moulded nose bridge for a perfect fit, whole around "O" ring face join and wide adjustable elastic bands.



Comfort: Cup shape. Exhalation valve for lighter breathing resistance. Adjustable nose clip for optimized fit. Whole around "O" ring face joint for maximal comfort. Wide adjustable elastic bands.

## P303 FFP3 Valved Dolomite Respirator

x30  
10

D



EN 149 FFP3 NR D  
DOLOMITE optional clogging test

## P301 FFP3 Valved Respirator

x30  
10



EN 149 FFP3 NR

## P309 FFP3 Valved - Blister Pack (2)

x6  
x30  
2



EN 149 FFP3 NR



NEW

## P304 FFP3 Valved Dolomite Light Cup Respirator

x30  
10

D



EN 149 FFP3 NR D  
Disposable respirator with a lightweight cup featuring EVA foam under the adjustable nose bridge for extra comfort. Ultrasound welded and metal free, the exhalation valve works efficiently to reduce heat inside the mask and provides comfort when used in hot and humid conditions. DOLOMITE optional test clogging test.



Individual Polybag

IMPROVED

## P351 FFP3 Valved Dolomite Fold Flat Respirator

x30  
20

D



EN 149 FFP3 NR D  
Improved with DOLOMITE optional clogging test. Comfort: Vertical Flat Folded, each mask inside individual polybag for easier storage. Exhalation valve for lighter breathing resistance. Adjustable nose clip for optimised fit.



NEW

### P271 ERGONET FFP2 Valved Dolomite Respirator

x30  
10  
EN 149 FFP2 NR D

Ergonomically designed, this respirator has a soft outer net cover to protect and retain its shape. Thanks to its valve it provides comfort when used in hot and humid conditions. Moulded nose bridge and ultrasound welded elastic band with clip for a perfect fit.



### P203 FFP2 Valved Dolomite Respirator

x30  
10  
EN 149 FFP2 NR D  
DOLOMITE optional clogging test.

Comfort: Cup shape.  
Exhalation valve for lighter breathing resistance. Adjustable nose clip for optimized fit.



### P201 FFP2 Valved Respirator

x30  
10  
EN 149 FFP2 NR  
AS/NZS 1716 P2

### P209 FFP2 Valved - Blister Pack(3)

x6  
x30  
3  
EN 149 FFP2 NR  
Comfort: Cup shape.  
Exhalation valve for lighter breathing resistance. Adjustable nose clip for better fit.



### P223 FFP2 Carbon Valved Dolomite Respirator

x30  
10  
EN 149 FFP2 NR D

Disposable mask with comfortable cup shape. Exhalation valve for lighter breathing resistance. Adjustable nose clip for optimised fit. DOLOMITE optional clogging test. Added carbon layer to absorb nuisance odours.



### P220 FFP2 Carbon Valved Respirator

x30  
10  
EN 149 FFP2 NR  
AS/NZS 1716 P2

Comfort: Cup shape.  
Exhalation valve for lighter breathing resistance. Adjustable nose clip for optimized fit. Added carbon layer to absorb nuisance odours.



### P200 FFP2 Respirator

x30  
20  
EN 149 FFP2 NR  
AS/NZS 1716 P2

Comfort: Cup shape.  
Adjustable nose clip for optimised fit. Protects against fine toxic dust, fumes and water based mists. The respirator can be used in concentrations of contaminants up to 10 times the WEL.



NEW



Individual Polybag

### P291 EAGLE FFP2 Valved Dolomite Fold Respirator

x30  
10  
EN 149 FFP2 NR D

Innovative compact folding mask with 7 dynamic parts providing excellent facial movement with maximum comfort. DOLOMITE optional clogging test. An individual polybag and special flat shape make it easy to store and vending machine ready.



Individual Polybag

### P251 FFP2 Valved Fold Flat Respirator

x30  
20  
EN 149 FFP2 NR

Comfort: Vertical Flat Folded, each mask is packed inside an individual polybag for easier storage. Exhalation valve for lighter breathing resistance. Adjustable nose clip for optimised fit. Ultrasound welded elastic bands.



Individual Polybag

### P250 FFP2 Fold Flat Respirator

x30  
20  
EN 149 FFP2 NR

Comfort: Vertical Flat Folded, each mask is packed inside an individual polybag for easier storage. Adjustable nose clip for optimised fit. Ultrasound welded elastic bands.



# Packaging Options



**Blister Packs**  
Biztex disposable respirators available in blister packaging are ideal for the retail sector and trade counters.



**Retail Carton**  
All BizTex respirators are packed in an attractive retail carton with full markings and fit instructions. The respirators are packed in a PP bag which keeps the masks hygienically clean and allows for better storage and control over dispensing in the workplace.

## Premium Affordable Protection

# FFP1



**P102 FFP1 Dolomite Respirator**

EN 149 FFP1 NR D  
DOLOMITE optional clogging test.  
Comfort: Cup shape.  
Adjustable nose clip for optimized fit.

x30  
20



**P100 FFP1 Respirator**

EN 149 FFP1 NR  
AS/NZS 1716 P1

x30  
20

**P108 FFP1 Blister Pack (3)**

EN 149 FFP1 NR  
Comfort: Cup shape.  
Adjustable nose clip for optimised fit. Effective against pollen, common household dust and other non toxic particles.

x6  
x30  
3



**P101 FFP1 Valved Respirator**

EN 149 FFP1 NR  
AS/NZS 1716 P1  
Comfort: Cup shape.  
Exhalation valve for lighter breathing resistance. Adjustable nose clip for optimised fit.

x30  
10



Individual Polybag

**P153 FFP1 Valved Dolomite Fold Flat Respirator**

EN 149 FFP1 NR D  
DOLOMITE optional clogging test.  
Comfort: Vertical Flat Folded  
Exhalation valve for lighter breathing resistance. Adjustable nose clip for optimized fit.

x30  
20



**P005 Dust Mask**

Comfort: Cup shape.  
Adjustable nose clip for optimised fit. Effective against pollen, common household dust and other non toxic particles.

x60  
50



**\*All Disposable Masks are Category 3 Hazard Protection**

\* Excluding P005 Dust Mask

# Eye Protection

PORTWEST eye protection range includes spectacles, safety goggles and visors, designed to protect the eyes and face of the workers from injuries which may occur during working activities.

**TECHNICAL SPECTACLES:** High performance and cutting edge styles.

**SPORT SPECTACLES:** Light weight and modern design.

**CLASSIC SPECTACLES:** Essential PPE safety eyewear styles.



**EN 166: 2001**  
Personal Eye Protection

European Standard, applying to all types of individual protection of the eye which protects from hazards likely to damage the eye, except for nuclear radiation, x-rays, laser emissions and infrared emitted by low-temperature sources. Does not apply to eye protection for which separate standards exist (e.g. anti-laser eye protection, sunglasses for general use).

**EN 170: 2002**  
UV Rays Protection

**European Standard for Ultraviolet Filters**  
Specifications of level numbers and of requirements relating to the transmittance of the filters for protection against ultraviolet radiation.

**EN 172: 1995**  
Specification For Sunglare Filters Used In Personal Eye-Protection For Industrial Use

Specification of level numbers and requirements relating to the transmittance of filters for protection against solar radiation, industrial use.

**EN 175: 1997**  
Welding Eyes and Face Protectors  
European Standard for equipment for eye and face protection during welding and allied processes

Specifications for the safety requirements for eye and face protection equipment used to protect the operator's eyes and face against harmful optical radiation and other specific risks or hazards in usual welding, cutting or similar operations.

**EN 169: 2002**  
Personal Eye Protection - Filters for Welding

**European Standard for Filters for Welding and Related Techniques — Transmittance requirements and recommended use.**

Specifications of level numbers and requirements relating to the transmittance of filters to protect operators for welding and related techniques. Specification of requirements for welding filters with double dial number of levels.

**EN 1731 2006**  
Personal Eye Protection. Mesh Eye and Face Protector.

Material specifications, design, performance and test methods for eye and face mesh protectors, for professional use.

**EN 379: 2009**  
Automatic Welding Filters

Harmonised European standard for automatic welding filters which switch their luminous transmittance to a lower predetermined value when an arc is ignited.



**ANSI/ISEA Z87: 2015**  
American National Standard - Personal Eye and Face Protective Devices

This standard provides minimum general requirements, test method, selection, use and maintenance of eye and face protection devices.

2 levels of protection:  
Z87 marking = "Basic Impact"  
Z87+ marking = "High Impact"

## EN 166 Markings

MANUFACTURER SYMBOL	Lens / Visor	Frame / Holder	Spectacles	Goggles	Visors
PW: Portwest	✓	✓	✓	✓	✓
<b>OPTICAL CLASS</b>					
1: Permanent wear (distortion free)			✓	✓	✓
2: Occasional wear	✓		✓	✓	✓
3: Brief wear			✓	✓	✓
<b>MECHANICAL RESISTANCE</b>					
S: Minimal impact resistance (5,1 m/sec)			✓	✓	✓
F: Low energy impact (45 m/sec)			✓	✓	✓
B: Medium energy impact (120 m/sec)	✓	✓		✓	✓
A: High energy impact (190 m/sec)				✓	✓
T: Impact test at extreme temperature (-5°C/+55°C) OPTIONAL			✓	✓	✓
<b>CHEMICAL RISKS (OPTIONAL)</b>					
3: Resistance to liquids droplets				✓	
3: Resistance to liquid splashes				✓	✓
4: Resistance to large dust particles (with > 5µm grain size)	✓	✓		✓	
5: Resistance to gases and fine dust particles (with < 5µm grain size)				✓	
<b>ELECTRICAL RISKS (OPTIONAL)</b>					
8: Short circuit ARC resistance		✓			✓
<b>THERMAL RISKS (OPTIONAL)</b>					
9: Molten metal splashes and hot solids projections		✓			✓
<b>LENS TREATMENTS (OPTIONAL)</b>					
K: Resistance to surface damage by fine particles (anti-scratch treatment)	✓		✓	✓	✓
N: Resistance to fogging of oculars (anti-fog treatment)			✓	✓	✓

NOTE: It is possible to have surface treatments which are not marked on the lens. These are non-certified treatments, which give the same protection to the lens for an extended period of use:

**AS = K** AS = Anti-Scratch treatment (corresponds to K);  
**AF = N** AF = Anti-Fog treatment (corresponds to N).

## Lens Shade / Applications

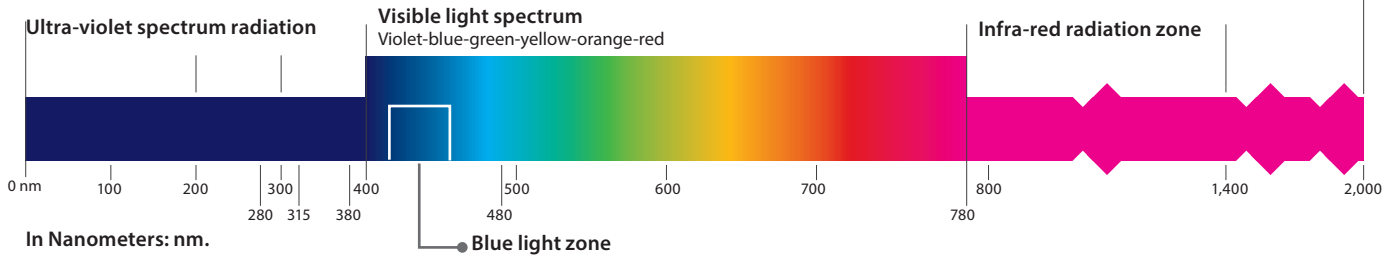
- Clear:**  
General purpose lens for use in good visibility conditions, especially indoor.
- Amber/Yellow:**  
Enhanced contrast. Ideal for low light environments, artificially lit areas, foggy and cloudy weather.
- Smoke/Grey:**  
Ideal for sunlight and outdoor.
- Polarized:**  
Stops horizontal reflections, eliminating glare. Ideal for outdoor, driving and around water.

If the lens is also tested according to EN 170 (UV FILTERS) or EN 172 (SUN FILTERS FOR INDUSTRIAL USE) it is also marked with a code-scale nr. Example: clear lens (EN 170) are normally marked with 2C-1.2; Smoke lens (EN 172) are mostly marked with code-scale nr 5-3.1. These nr indicate the % of visible light which can pass through the lens, so how clear/smoke is the lens.



## RISKS TO THE EYE FROM HARMFUL RADIATIONS

Zone	Wave Length	Environment	Eyesight damage
<b>UV-A</b>	215 - 380 nm	Outdoor work	Eye fatigue, Partial Blindness, Cataract, Sunshine
<b>UV-B</b>	280 - 315 nm	Sunlight, Industrial environment,	Cataract, Welder flash, Arc Flash
<b>UV-C</b>	100 - 280 nm	Industrial environment, Arc welding	Cornea or Crystalline Lesions, Loss of eyesight
<b>Blue light</b>	400 - 480 nm	Industrial environment Computer work, Outdoor work	Retinal lesions, Loss of eyesight, Blurring degeneration (age), Retinitis pigmentosis
<b>Infra-red</b>	780 - 1400 nm 1400 - 2000 nm	Electric welding, Molten work: glassmaking, steel production Micro-wave processes , Sunlight	Retinal lesions, Blurring degeneration (age), Retinitis pigmentosis Cornea or Crystalline Lesions



## ACCESSORIES

## Keep Your Lenses Clean and Safe



### PA30 Spectacle Cord

x20  
100

Elasticated cord which adjusts to wearer's preference. Universal holder to fit a large variety of spectacles temples.



90% Nylon, 10% Rubber  
Black 68cm

### PA31 Spectacle Bag

x20  
100

Protective microfibre bag that can be used for cleaning and storage.



Microfibre  
Black 10 x 20cm



### PA01 Lens Cleaning Towelettes

10

Towelette Dispenser comes completely assembled and ready for use. Dispenser 5"x 8" holds 100 individually packaged lens cleaning towelettes.

100 towelettes per box

LOW LINT

### PA02 Lens Cleaning Station

10

Lens Cleaning Station provide instant access for all lens cleaning needs. Tissues are low-lint and non-abrasive. Good for use on plastic, glass and polycarbonate lenses.

237ml Anti-fog, Anti-static Solution and 600 tissues per box

LOW LINT



## EYE PROTECTION

Arms interchangeable with elastic head band (included)



Detachable foam back

### PW11 Levo Spectacle

EN 166 1 F  
ANSI/ISEA Z87



Polycarbonate  
Clear, Smoke



NEW

Can be used with additional elastic head band (included)



Detachable foam back

### PS11 Tech Look Plus

EN 166 1 FT  
EN 170 2C-1.2 (CLEAR)  
EN 172 5-3.1 (SMOKE)



Polycarbonate, Nylon, EVA Foam  
Clear, Smoke



NEW



### PS12 Tech Look

EN 166 1 FT  
EN 170 2C-1.2 (CLEAR)  
EN 172 5-3.1 (SMOKE)



Polycarbonate, Nylon  
Clear, Smoke



Adjustable and Extendable Arms



Polarised Lens

### PW18 Umbra Polarised Spectacle

EN 166 1 F  
EN 172 5-3,1



Polycarbonate  
Smoke

### PS16 Tech Metal Spectacle

EN 166 1FT  
EN 170 2C-1.2 (CLEAR)  
EN 172 5-3.1 (SMOKE)



AS

The Tech Metal Spectacle is constructed with a metal frame and modern look and is suitable for a wide range of industries. It provides protection against high speed particles at extreme temperatures and is ultraviolet radiation resistance tested.



Metal Frame, Polycarbonate  
 Clear, Smoke



**NEW**



### PW31 Contoured Safety Spectacle

EN 166 1F



300  
12

An ultra light polycarbonate spectacle that moulds in to the facial features, providing brow protection and cheek guard. Fully adjustable temple length and a five point temple ratchet.



Polycarbonate  
 Clear, Smoke



Adjustable and Extendable Arms



### PW35 Safeguard Spectacle

EN 166 1F



300  
12

The Safeguard Spectacle features a nylon frame with seven-position ratchet temples and adjustable arm length.



Polycarbonate  
 Clear  
 Mirror



Adjustable and Extendable Arms



### PW13 Clear View Spectacle

EN 166 1 F  
EN 170 2C-1.2 (CLEAR)  
EN 172 5-2.5 (SMOKE)



300  
12

Tough looking wrap around, streamline design, excellent protective coverage and fitting. Ultra light and panoramic view.



Polycarbonate  
 Clear, Smoke



**NEW**



**PS05 Athens Sport Spectacle**

EN 166 1 FT  
EN 170 2C-1.2 (CLEAR)  
EN 172 5-3.1 (SMOKE)



The Athens Sport Spectacle is designed with particular attention to user's morphology. Lightweight, strong and flexible, it's ideal for long use. This spectacle features contrasting soft tips for a modern sports look and improved anti-slip comfort.

Polycarbonate, TPR  
Clear, Smoke



**PS01 Avenger Safety Spectacle**

EN 166 1 FT  
EN 170 2C-1.2 (CLEAR)  
EN 172 5-3.1 (SMOKE)



Strong, flexible, modern and stylish the Portwest Avenger Safety Spectacle is a premium safety product offering superior eye protection to the user.

A modern rubberised finish provides added comfort for the wearer, while flexible temples and adjustable soft nose clips ensures a perfect fit.

Polycarbonate  
Clear, Smoke



**PS04 Defender Safety Spectacle**

EN 166 1 FT K N  
EN 170 2C-1.2 (CLEAR)  
EN 172 5-3.1 (SMOKE)



Sport style safety spectacles with upper frame only, for lightweight design. Adjustable soft nose bridge and pressure free fitting temples make this model a class leader in eye protection.

Polycarbonate  
Clear, Smoke



**PW14 Lite Safety Spectacles**

EN 166 1 F  
EN 170 2C-1.2 (CLEAR)  
EN 172 5-2.5 (SMOKE)



Super lightweight and durable spectacle with a sleek design and 10 base curve lenses. Larger fitting size for a perfect custom fit.

Polycarbonate  
Clear, Smoke



### PS34 Neon Safety Spectacle

EN 166 1FT  
EN 170 2C-1.2 (CLEAR)



Our Neon Safety Spectacle features contrast colour details and wrap around design with brow and side protection for increased protection and wide field vision. Lightweight with adjustable arm lengths (5 different lengths), the Neon Safety Spectacle has soft tips to offer optimised wearer comfort.

Polycarbonate, Nylon, TPR  
 Clear

**NEW**



### PW34 Profile Safety Spectacle

EN 166 1 F  
ANSI/ISEA Z87



These frame-less safety glasses are designed for safety, comfort and style. Wrap around design with a moulded nose bridge and browguard.

Polycarbonate  
 Amber, Clear, Smoke



### PW36 Hi-Vision Spectacle

EN 166 1 F



The Hi-Vision Spectacle features a dual eight-base, wrap-around unilens for superior peripheral coverage and protection of the entire eye area. Lightweight and impact resistant, the polycarbonate lens is treated with anti-scratch and anti-fog coating. Adjustable leg length to improve fit.

Polycarbonate  
 Clear

Adjustable arm length



### PW37 Bold Pro Spectacle

EN 166 1 S



Dual lens with soft rubber nose bridge and temple grips in various colours.

Polycarbonate  
 Clear Lens, Blue Temple, Clear Lens, Orange Temple, Clear Lens, Red Temple



### PW17 Curvo Spectacle

EN 166 FT  
EN 170 2C-1.2 (CLEAR)



This spectacle has a curved lens and essential sport look. Adjustable arms inclination for optimised fit and soft nose bridge for extra comfort.

Polycarbonate  
 Clear

Adjustable arm length



## EYE PROTECTION

**NEW**



Detachable foam back

**PS32**

### Wrap Around Plus Spectacle

EN 166 1FT  
EN 170 2C-1.2



**AS**

**AF**



Polycarbonate  
Clear

Our best selling Wrap Around Spectacle is now available with additional edge protection, thanks to the removable gasket, which offers a super comfortable fit and optimal protection against dust and impacts. The lens are treated with anti-scratch and anti-fog coating for improved performances.

**PW32**

### Wrap Around Spectacle

EN 166 1 FT  
EN 170 2C-1.2  
EN 172 5-3.1  
ANSI/ISEA Z87

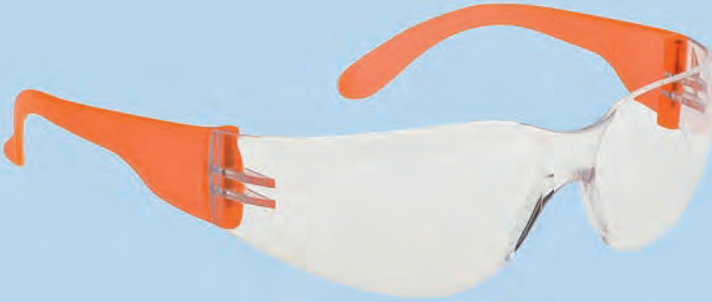


**AS**



Polycarbonate  
Clear Lens, Orange Hi-Vis Temple  
Clear Lens, Black Temple  
Smoke Lens, Black Temple

The best global seller featuring a simple but winning design with ultra-light and flexible arms, which are virtually indestructible. One-piece lens contour design and moulded nose-bridge, allows excellent fit to all face shapes. Unisex.



Adjustable arm length

**PW33**

### Classic Safety Eye Screen

EN 166 1 F  
EN 170 2C-1.2  
EN 172 5-3.1 (SMOKE)  
ANSI/ISEA Z87 + (CLEAR) S (SMOKE)



**AS**



Polycarbonate  
Smoke Lens, Black Temple  
Clear Lens, Blue Temple  
Clear Lens, Black Temple  
Amber Lens, Black Temple

Constructed using a single panoramic polycarbonate lens with moulded side-shields and browguard. This product also features adjustable arms, moulded nose bridge and contoured browguard.



Adjustable arm length

**PS33**

### Safety Eye Screen Plus

EN 166 1 F  
EN 170 C2-1.2



**AS**

**AF**



Polycarbonate  
Clear Lens, Blue Temple, Orange Tips

PS33 has adjustable arms, equipped with tips in contrast colour for a stylish look and optimised comfort. The lens with anti-scratch and anti fog treatments grants longevity to the spectacles.

**PW30**

### Visitor Safety Spectacle

EN 166 1 F  
EN 170 2C-1.2



**AS**



Polycarbonate  
Clear

Designed with a moulded-in brow guard and vented side shields, the PW30 offers excellent protection and comfort. Manufactured using tough impact resistant polycarbonate. Metal free.



### PS30 Portwest Over-Spectacle

EN 166 1 FT  
EN 170 2C-1.2



PS30 is an ultra-lightweight spectacle, designed to be worn over prescription glasses. Its wide panoramic lens with moulded side shields and brow guard offers a superior protection to the wearer. The adjustable and extendable arms ensure a comfortable and secure fitted.

Polycarbonate, Nylon  
Clear Lens, Black Temple

**NEW**

Adjustable and Extendable Arms



### PW38 Pan View Spectacle

EN 166 1 F  
ANSI/ISEA Z87



These sleek and sporty style glasses are designed for safety and comfort. The Pan View features lightweight construction and soft touch temples. The single wrap-around lens offers protection from the sides and front.

Polycarbonate  
Smoke Lens, Orange Temple  
Smoke Lens, Black Temple  
Clear Lens, Black Temple  
Clear Lens, Orange Temple



### PW39 Lucent Spectacle

EN 166 1 F



Expertly designed lightweight spectacle with outstanding optical quality. The one-piece curved lens offers unobstructed vision and the comfortable nose bridge allows for extended use.

Polycarbonate  
Clear, Smoke



### PW15 Fossa Spectacle

EN 166 1 F  
ANSI/ISEA Z87



Fossa safety spectacle provides wrap around coverage for a panoramic view, thanks to the excellent polycarbonate quality. Stylish rubber tip temples and a mono-lens ensures these glasses fits all face shapes.

Polycarbonate  
Clear, Smoke



### PW10 Vultus Spectacle

EN 166 1 F



These stylish wrap around safety glasses offer extreme coverage, with brow guard and side shields.

Polycarbonate  
Clear



Soft seal protects against dust, splashes and impact



**PW26 Slim Safety Goggle**

EN 1661B 3 4  
EN 170 2C-1.2



Extremely lightweight premium goggle. Manufactured from a high tech material, combining hard and soft components to ensure a perfect fit. Wrap around design and effective seal around the eyes.

Polycarbonate  
 Clear

Can be worn over prescription glasses and dust masks



**PW25 Ultra Vista Goggle Unvented**

EN 166 1 BT 3 4 5 KN  
EN 170 2C-1.2



Non-vented premium level goggle. Excellent protection against large dust particles, fine dust particles, gas and liquid splashes. Excelled when tested for high impact resistance and extreme temperatures (ranging from -5°C to +55°C). Can be worn with prescription glasses.

Compatible with the PW23 shield, increasing the level of face protection for the wearer.

Polycarbonate  
 Clear

Can be worn over prescription glasses and dust masks



**PW24 Ultra Vista Goggle**

EN 166 1 BT 3  
EN 170 2C-1.2



Excellent fitting goggle with panoramic field of vision. Superior protection against harmful splashes and large dust particles. Compatible with PW23 goggle shield, increasing the level of face protection for the wearer.

Polycarbonate  
 Clear



Compatible with PW24 and PW25

**PW23 Ultra Vista Shield**

EN 166 BT



This visor is for combination use with goggles. It is designed to increase the protection of the whole face. High velocity impact resistance grades even at extreme temperatures. Compatible with PW24 and PW25 goggles only.

Polycarbonate  
 Clear





### PW22 Challenger Goggle

EN 166 1B  
EN 170 2C-1.2  
ANSI/ISEA Z87



AS

Wide panoramic UV protective lens treated with anti scratch and anti fog coating, for long-lasting performance. The special shape of the lens allow it to be worn with prescription glasses and disposable dust masks. Improved design with a larger elastic band for optimized comfort. Indirect ventilation.

AF



Polycarbonate  
Clear

IMPROVED



### PS21 Portwest Chemical Goggle

EN 166 1 F N 3



AS

PS21 is an indirect ventilation goggle with acetate lens material, suitable for chemical use. Superior anti-fog treatment (marked N on the lens) and ultra soft frame ensure a comfortable wear for long working days.

N

Cellulose Acetate, PVC, PP  
Clear



NEW



### PW21 Indirect Vent Goggle

EN 166 1B 3  
ANSI/ISEA Z87



Designed to be worn in a tough work environment, this goggle is fitted with a flexible PVC frame for ultra light and comfortable wear. Indirect Ventilation.



Polycarbonate  
Clear



### PW20 Direct Vent Goggle

EN 166 1 B  
ANSI/ISEA Z87 +



Designed to be worn in a tough work environment, this goggle is fitted with a flexible PVC frame for ultra light and comfortable wear. Direct Ventilation.



Polycarbonate  
Clear



Suitable to be worn with disposable respirators.



Manual exterior DIN control for dark shade: 9-13 DIN

Large viewing area: 91mm x 42mm

- Features:**
- ☑ 4 Point adjustable harness design for optimum fit.
  - ☑ Solar cells power and lithium batteries back up, increase the working time to over 5,000 hours.
  - ☑ Equipped with a superior optical quality LCD Filter Suitable for:
    - ☑ ARC
    - ☑ MIG
    - ☑ MAG(CO2)
    - ☑ TIG Welding
    - ☑ Plasma cutting
    - ☑ Grinding.

## PW65

### BizWeld Plus Welding Helmet

EN 166 1 S  
EN 175 F  
EN 379 4 / 9-13; 1/1/1/2



Auto-darkening welding helmet, which switches from a light to dark state when welding activity starts. Light state is DIN 4; Dark state is adjustable from DIN 9 to DIN 13 using the external knob. Response time from light to dark state is 0.04 milliseconds; return from dark to clear state in 0.03-0.04 sec. Power is supplied by solar cells with 2 built-in lithium batteries to offer power back-up for longer service life. No need for replacement batteries.

Polyethylene, Polypropylene, Nylon  
 X Black



## PW66

### BizWeld Plus Replacement Lens

EN 166  
Outer lens for the BizWeld Plus Welding Helmet. Sold in sets of 5. Dimension: 114 x 90 mm.



Polycarbonate  
 X Clear



Adjustable arm length

## PW68

### Welding Safety Eye Screen

EN 166 1 F  
EN 169 SHADE 5



Multipurpose Shade 5 lens with lateral protection and adjustable arms for customized comfort.

Polycarbonate  
 X Green Shade 5 lens, Black Temple



Ultra soft frame

## PW61

### Welding Goggle

EN 166 1 F  
EN 175 F  
EN 169 SHADE 5



Welding goggle with wide lens. Effective protection for all welding operations requiring a shade 5 level of protection. Soft frame for comfortable wearing.

Polycarbonate  
 X Bottle Green



## PW60

### Gas Welding Goggle

EN 166 1 F  
EN 175 F



When using oxyacetylene for gas cutting or welding, the PW60 offers high performance with a shade factor 5. A soft comfortable frame with flip up lens allows the goggle to be used for grinding operations.

Clear polycarbonate safety lenses  
 X Bottle Green

**NEW****PS91 Arc Flash Visor Class 2**

EN 166 1 B 8 3  
 EN 170 2C-1.4  
 GS-ET-29 CLASS 2 8-2-1  
 ASTM F2178 12 CAL / CM<sup>2</sup>  
 NFPA® 70E PPE CATEGORY



PS91 Arc Flash Visor Class 2 is arc protection Class 2 and VLT Class 1 product. It exceeds the highest arc flash protection according to GS-ET-29 and E DIN 58118 and is designed to maximise colour perception and visible light transmittance. It has a universal slot adapter for hard hats, a large permanently attached chin protector and a light green moulded injected visor with anti-fog coating. Recommended to be used only on hard hats approved for arc flash protection.

Polycarbonate  
 Green One Size



# Protects Against Electric Arc Flash

**NEW****PS90 Arc Flash Visor Class 1**

EN 166 1 B 8 3  
 EN 170 2C-1.2  
 GS-ET-29 CLASS 1 8-1-0



PS90 is classified as Arc Protection Class 1 and VLT Class 0 product as per GS-ET-29 and E DIN 58118. It provides the maximum light transmittance and improved colour recognition as per EN 170. This visor consists of a face shield with a bracket for slotted caps. It is compatible with all Portwest hard hats but recommended to be used on hard hats approved for arc flash protection at the maximum expected level.

Polycarbonate  
 Clear One Size

**FR55 162**



SNR  
28dB

H: 32 dB  
M: 24 dB  
L: 17 dB

### PW90 PPE Protection Kit

EN 352-1  
EN 166 1 B / 3 B



An ideal solution for face and hearing protection (PW48) where no helmet is required. It protects against particle impact, liquid splashes and dangerous noise. Spare parts available.



Polycarbonate, Polypropylene, ABS  
 X Yellow



### PW58 Helmet Visor Carrier

EN 166  
EN 1731



Our visor holder is compatible with helmet styles PW50, PW51 and PW57. Versatile and safe, this is a great addition to the PW Safety range. Compatible with Replacement Visor PW92/ PW94 / PW99.



Polyoxymethylene  
 X Black

NEW



### PS58 Helmet Visor Holder

EN 166  
EN 1731 F



Visor holder with universal slot european size (30mm), the PS58 can be used on helmet models PS53/PS54/PW54/PS55/PW55/PW97/PV50/PV54/PV60/PV64. It allows stand-off position and can combine the simultaneous wear of a visor and clip-on ear-muffs. Compatible with replacement visors PW92/ PW94/PW99.

ABS  
 X Black



### PW91 Browguard with Clear Visor

EN 166 1 B / 3 B



PC visor with PP browguard manufactured from impact resistant polypropylene. The wheel ratchet adjustment system is designed for easy use. Replacement visor available (PW92).

Polycarbonate  
 X Clear

Visor size: 20 X 40cm



### PW93 Browguard with Mesh Visor

EN 1731 F  
EN 166 F



Mesh visor with PP browguard, suitable for protection against large high-speed particles. The ratchet adjustment system is designed for easy use. Replacement visor available (PW94).

Galvanised Carbon Steel, Polypropylene  
 X Black

Visor size: 20 X 40cm



### PW96 Face Shield Plus

EN 166 1 BT 3 9  
ANSI/ISEA Z87



This face shield protects against molten metal splashes and hot solid projections. Superior front and side face protection. Ratchet adjustment for comfort fit. Replacement visor available (PW99).

Polycarbonate, Aluminium  
 X Clear

Visor size: 20 X 40cm

### PW92

#### Replacement Clear Visor

EN 166 1 B

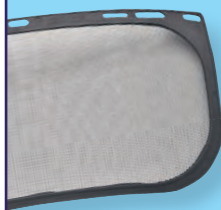
Replacement visor for PW90 and PW91. It also fits PW58.

Polycarbonate  
 X Clear

Visor size:  
20 X 40cm



150  
25



### PW94

#### Replacement Mesh Visor

EN 1731 F

Replacement visor for PW93. It also fits PW58.

Galvanised Carbon Steel, Polypropylene  
 X Black

Visor size:  
20 X 40cm



150  
25



### PW99

#### Replacement Shield Plus Visor

EN 166 1 BT 3 9  
ANSI/ISEA Z87

Replacement visor for PW96. It also fits PW58.


Polycarbonate, Aluminium  
 X Clear

Visor size:  
20 X 40cm



140  
10



 **EN 397: 2012**  
Industrial Safety Helmets

**Mandatory tests:**

• **Impact\*** : Energy spread to the head form must not exceed 5 kN after the fall of an object of 5 kg at 1m high.

• **Penetration\***: The tip of the test mass used (3 kg from 1m height) must not come into contact with the skull.

• **Flammability** : The helmet is exposed to a flame and it must not burn with flame emission more than 5 seconds after removal of the flame.

\* Impact and penetration tests are performed at room temperature, at +50 °C and at -10°C.


**Optional tests:**

• **Resistance at extreme temperatures:** testing impact and penetration are performed at +150 °C, at -20°C or -30 °C temperatures.

• **Electrical properties:** Protects against a short accidental contact with electric leads under voltage up to 440Vac.

• **Lateral deformation:** Protects against lateral compression. The maximum deformation of the helmet should be ≤40 mm (LD).

• **Molten metal splashes:** The helmet is not deformed or penetrated by splashes of molten metal (MM).

 **EN 50365: 2002**  
Insulating helmets for use on low voltage installations

This standard is for helmets used for working live or close to live parts on installations not exceeding 1000 V a.c. or 1500 V d.c. Testing to EN50365 exceeds testing under EN397 for electrical properties.

Marking: double triangle + class +batch number.

 **ANSI/ISEA Z89.1: 2014**  
American National Standard for Industrial Head Protection

**TYPE I** - Hard hats are designed only to withstand top impacts.

**TYPE II** - Hard hats designed to withstand impacts from the top and the side.

**Class C** - Conductive Helmet = the hard hat will not protect the wearer from electrical hazards.

**Class G** - General Helmet = helmet can withstand an electrical current up to 2,200 volts.

**Class E** - Electrical Helmet = helmet that providing the highest level of electrical protection, withstanding currents up to 20,000 volts.

# Safety Helmets

The rapidly expanding Portwest head protection range aims to benefit our customers by combining the most up-to-date styles with the highest standards in head protection, irrespective of job or location.

A wide selection of compatible accessories is also available. A full explanation of features and performances are given in order to help you make a more informed choice.



## Choose the Right Accessories for your Helmet

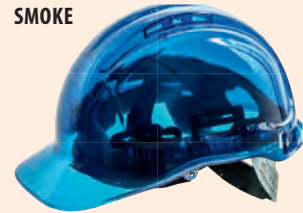
Helmet Style Code		Chin strap 2 points	Chin strap 4 points	Sweat band	Visor holder	Clip on ear muff
						
	PV50/PV54 PV60/PV64	PW53	/	PA46	PS58	PW47/PS47
	PW54/PS54 PW55/PS55 PG54/PC55	PW53	PA48	PA45/PA55	PS58	PW47/PS47
	PS53	/	PA49	PA45/PA55	PS58	PW47/PS47
	PW97	/	/	/	PS58	PW47/PS47
	PW51	PW53	/	/	PW58	PW42/PS42
	PW50/PW57	PW53	/	/	PW58	PW42/PS42
	PS52	/	/	/	/	/
	PS50	/	/	/	PW58	PW47/PS47
	PS51	/	/	/	PS58	PW47/PS47

# PEAKVIEW

TRANSLUCENT HELMET



SMOKE



BLUE



CLEAR



YELLOW



GREEN



RED



ORANGE



PINK



**4** X STYLES    **8** X COLOURS

The Peak View Hard Hat is a Portwest exclusive design and patented model. The translucent shell and see through peak and sides allow the wearer to look upwards without the need to tilt the head. The extra strong yet ultra light weight polycarbonate shell offers UV ray protection. This innovative, market leading design is available in 4 style options that come in 8 colour ways. Peakview is the safest and most comfortable solution for your head protection.

**ADJUSTABLE SLIP RATCHET**

**NEW**

**1** **PV50** **Peak View Hard Hat Vented**  
EN 397  
ANSI/ISEA Z89.1 TYPE II C  
CE 20  
Vented for added breathability suitable for hotter climates

100% Polycarbonate  
Smoke, Blue, Clear, Yellow, Green, Red, Orange, Pink  
Adjustable 50-66cm 352g

**2** **PV54** **Peak View Plus Hard Hat**  
EN 397 440 V.A.C.  
ANSI/ISEA Z89.1 TYPE II CLASS G  
CE 20  
Non vented to prevent the ingress of dirt, dust and water.

100% Polycarbonate  
Smoke, Blue, Clear, Yellow, Green, Red, Orange, Pink  
Adjustable: 50-66 cm 352g



**PV50**



6 points textile harness

Soft foam sweat band included



**ENHANCES USER VISIBILITY**

**ADJUSTABLE WHEEL RATCHET**

**NEW**

**3** **PV60** **Peak View Ratchet Hard Hat Vented**  
EN 397  
ANSI/ISEA Z89.1 TYPE II CLASS C  
CE 20  
Vented for added breathability suitable for hotter climates

100% Polycarbonate  
Smoke, Blue, Clear, Yellow, Green, Red, Orange, Pink  
Adjustable 50-66cm 390g

**4** **PV64** **Peak View Plus Ratchet Hard Hat**  
EN 397 440 V.A.C.  
ANSI/ISEA Z89.1 TYPE II CLASS G  
CE 20  
Non vented to prevent the ingress of dirt, dust and water.

100% Polycarbonate  
Smoke, Blue, Clear, Yellow, Green, Red, Orange, Pink  
Adjustable 50-66cm 390g



**PV60**



6 points textile harness

Soft foam sweat band included



COMPATIBLE ACCESSORIES AVAILABLE SEE PAGE 546

## HEAD PROTECTION



Retractable clear visor included



PW56

**PW54** **Endurance Plus Visor Helmet**  
EN 397 -30°C/+50°C, MM, LD, 440V  
EN 50365 CLASS:0  
EN 166 1 FT



**IMPROVED**

ABS shell helmet, textile comfort harness 6 points, wheel ratchet adjustment, adjustable size 56-63 cm. Sweat band and chin strap included. Sold with retractable clear visor PW56 included. Spare parts available.



EN 50365



ABS, Polycarbonate  
Blue, Orange, Red,  
White, Yellow  
Adjustable 56-63cm  
446g



**NEW**  
COLOUR

**NEW**  
COLOUR

**NEW**  
COLOUR

**PS54** **Endurance Plus Helmet**  
EN 397 +50°C/-30°C; MM; LD; 440VAC  
EN 50365 CLASS:0



**IMPROVED**

Endurance Plus ABS shell helmet now available without retractable visor. Improved - sold with 4 points chin strap included.



EN 50365



ABS  
White, Navy, Hi-Vis Yellow, Hi-Vis Orange  
Adjustable 56-63cm 416g

**High Visibility  
Colour Option**



Retractable clear visor included



PW56

**PW55** **Endurance Visor Helmet**  
EN 166 1 FT  
EN 397 -30°C/+50°C, LD



**IMPROVED**

Vented helmet. ABS shell, textile comfort harness 6 points, wheel ratchet adjustable size, 56-63 cm. Sweat band and chin strap included. Sold with retractable clear visor PW56 included. Spare parts available.

ABS, Polycarbonate  
Blue, Orange, Red, White, Yellow  
Adjustable  
56-63cm 446g

**Vented for Extra Air-flow**



**NEW**  
COLOUR

**NEW**  
COLOUR

**NEW**  
COLOUR

**PS55** **Endurance Helmet**  
EN 397 -30°C/+50°C, LD



**IMPROVED**

Endurance vented ABS shell helmet without retractable visor. Improved - sold with 4 points chin strap included.

ABS  
White, Navy, Hi-Vis Orange, Hi-Vis Yellow  
Adjustable 56-63cm 416g

**Vented for Extra Air-flow**

**High Visibility  
Colour Option**





### PG54 Endurance Glowing Helmet

EN 397 +50°C/-30°C; MM; LD; 440VAC  
EN 50365 CLASS:0



Endurance helmet with 6 points textile harness and wheel ratchet adjustable size 56-63cm. The ABS shell is made with special photo-luminescent additive colour, that accumulates the light in well lit places and release the shining effect in very low or no light conditions – i.e. it glows in the dark. Sold with 4 points chin strap included.

ABS

White

Adjustable 56-63 cm 472g



## Glows in the Dark



NEW



### PC55 Endurance Carbon Look Helmet

EN 397 -30°C/+50°C LD



Endurance vented helmet with ABS shell and 6 points textile harness. Wheel ratchet adjustable size 56-63cm. Innovative eye catching carbon fibre design manufactured from permanent high quality hydro dipped paint. Sold with 4 points chin strap included.

ABS

Assorted Grey

Adjustable 56-63 cm 465g

## New and Innovative Hydro Dipped Paint

### Vented for Extra Air-flow

NEW



### PW98 Forestry Combi Kit

EN 397 -30°C/+50°C, LD

EN 352-3

EN 1731 F



Professional Combi kit, contains:

- Vented ABS safety helmet with wheel ratchet, adjustable size 56-63cm cm (PS55).
- High performances ear muffs in ABS material, adjustable in height for better fit (PW47).
- Reinforced visor holder and mesh visor (PS58).

ABS Helmet, Mesh Visor, ABS/Polystyrene Ear protector.

Orange

Adjustable 56cm - 63cm 795g

SNR 29dB  
H: 32 dB  
M: 26 dB  
L: 19 dB

### Vented for Extra Air-flow



## Vented for Extra Air-flow

## HEAD PROTECTION



NEW  
COLOUR

NEW  
COLOUR



**PS53**

### Height Endurance Helmet

EN 397 -30°C/+50°C  
EN 50365 CLASS:0



Designed to be specially used for working at heights. Light, comfortable and compact with a short peak. ABS shell, textile comfort harness 6 points, wheel ratchet adjustment, size 52-63cm. Improved technical sweat band and 4 points chin strap (Y style) with soft rubber chin protector included.



ABS  
White, Hi-Vis Yellow, Hi-Vis Orange, Blue, Black  
Adjustable 52-63cm 424g



### High Visibility Colour Option



### Vented for Extra Air-flow



**PW97**

### Climbing Helmet

EN 397 -30°C/+50°C MM 440V



Vented helmet, adapted for working at heights. High wearing comfort polyethylene shell, six points harness, buckle adjustment. Supplied with sweat band and 4 points chin strap (Y style).

PE  
Blue, White, Yellow  
Adjustable 52-62cm 358g



**PS52**

### Full Brim Future Helmet

EN 397 -10°C/+50°C  
ANSI/ISEA Z89.1 TYPE I CLASS E



Full brim helmet with lightweight PP shell. Its wide profile provides extra protection against sun, glare, rain, debris and non-toxic splashes. A 4 point nylon harness with ratchet wheel adjustable size (52-63cm). Soft foam sweat band included.

PP  
White  
Adjustable 52-63cm 465g



**PW51**

### Portwest ABS Safety Helmet

EN 397 -10°C/+50°C



ABS shell helmet with extended peak to minimise glare. A 4 points nylon webbing harness, Buckle adjustable size 55-62cm. Foam sweat band included.

ABS  
Blue, White  
Adjustable 55-62cm 366g



**PW50****PP Safety Helmet**EN 397 -10°C/+50°C, LD, 440V  
EN 50365 CLASS:0

High-density polypropylene shell helmet, 4 points plastic suspension harness. Buckle adjustable size 55-62cm. Soft sweat band included.

**PP**  
 **Black, Blue, Green, Orange, Red, White, Yellow - Adjustable 55-62cm 366g****NEW COLOUR****PW57****Hi-Vis PP Helmet**EN 397 -10°C/+50°C, LD, 440V  
EN 50365 CLASS:0

High density polypropylene Hi-Visibility shell helmet. Four-points plastic harness includes a foam backed polyester sweatband.

Buckle adjustable size 55-62 cm.

**PP**  
 **Hi-Vis Orange, Hi-Vis Yellow - Adjustable 55-62cm 366g****High Visibility Colour Option****PS50****Arrow Safety Helmet**EN 397 -10°C/+50°C  
ANSI/ISEA Z89.1 TYPE I CLASS C

Lightweight vented helmet with 8 vent ports allowing total airflow circulation around the head area. High-density polypropylene shell with 6 points PE suspension harness for comfort fit. Buckle adjustable size 53-65 cm. Standard side slot for accessories and foam sweat band included.

**HDPE, PE**  
 **Blue, White, Yellow - Adjustable 53-65 cm 326g****Lightest Available Helmet** **IMPROVED****Vented for Extra Air-flow****PS51****Workbase Safety Helmet**

EN 397 -10°C/+50°C, 440V

The Workbase Safety Helmet is an essential in head protection. Manufactured from a strong PE shell, it has a comfortable 6 point plastic harness with an adjustable buckle (54-62 cm). Sweat band included and standard size side slots for accessories.

**PE**  
 **Royal, White, Red, Yellow, Black, Green - Adjustable 54-62cm 365g****NEW**

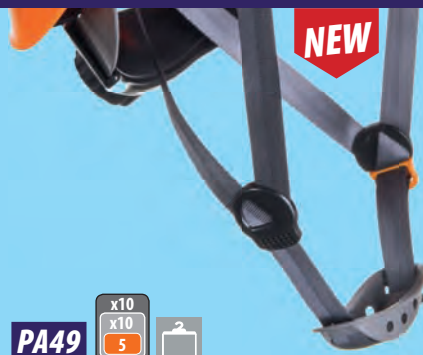


**PW53** x10  
x10  
10

**Chin Strap**

Comfortable nylon woven strap with PP chin cup to aid a secure fit. Easily attached and compatible with PW50, PW51, PW57, PV50/PV54, PV60/PV64 helmets.

Nylon, PP  
 Black



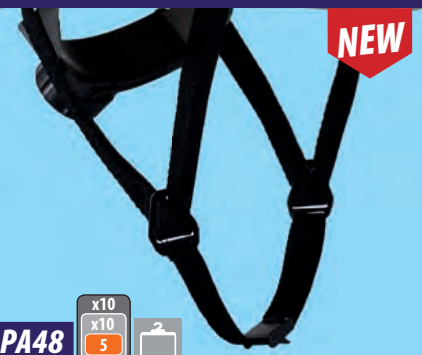
**NEW**

**PA49** x10  
x10  
5

**Chin Strap 4 Endurance Height**

4 points chin strap with soft chin guard. Spare part for PS53. Sold in set of 5.

Nylon  
 Black



**NEW**

**PA48** x10  
x10  
5

**Chin Strap 4 Endurance**

4 points chin strap suitable for PW54/PS54/PW55/PS55/PC55 helmets. Sold in set of 5.

Nylon  
 Black



**PA55** x10  
x10  
10

**Replacement Helmet Sweatband**

Soft foam sweat band for PS53/PW54/PS54/PW55/PS55. Sold in set by 10 pcs.

Foam  
 Black



**NEW**

**PA45** x10  
x10  
5

**Sweat Band Endurance**

Technical Sweat Band, compatible with PS53/PW54/PS54/PW55/PS55 helmets. Sold in sets of 5.

Acrylic  
 Black



**NEW**

**PA46** x5  
x10  
20

**Sweat Band Peak View**

Soft foam Sweat Band, spare part adapted to be used on PV50/PV54/PV60/PV64 helmets. Sold in sets of 20.

Foam  
 Black



**PA51** 100  
10

**Safety Helmet Harness Ratchet**

Safety Ratchet adjustable headband with 4 point suspension. Suitable to be used on PW50, PW57 and PW51 helmets.

Polypropylene  
 Clear  
Adjustable headband 52-62cm



**PA52** 100  
10

**Slip Ratchet Safety Harness**

Spare harness with 4 point suspension. Can be used on PW50, PW51 and PW57 helmets.

Polypropylene  
 Clear  
Adjustable headband 52-62cm



**PW56** 500  
10

**Endurance Visor Replacement**

EN 166 1FT

Impact resistant polycarbonate replacement visor. Suitable for PW54, PS54, PW55 and PS55.

Polycarbonate  
 Clear



**PA58** 

### Helmet Winter Liner

This insulating liner is suitable to be worn with all helmets. Four Hook & Loop straps attach the liner to helmets for a secure fit. Can be worn with a chin strap.

 **100% Cotton**  
 **Black, Navy**



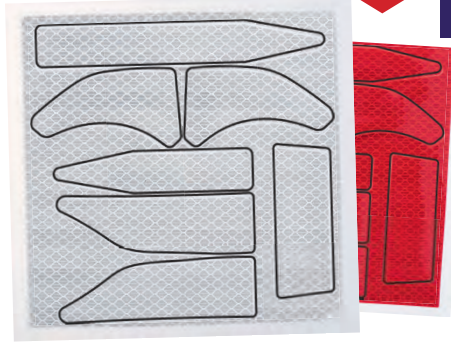
**NEW**

**A003**   

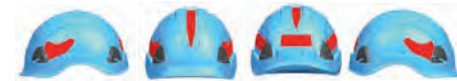
### Metal Free D Clip

This universal clip is suitable for use in many areas. It can be clipped onto a belt to hold a wide range of PPE when not in use, alternatively it can be fixed to a wall/structure as a storage solution. Flexible, durable and metal free solution.

 **Acetyl**  
 **Hi-Vis Yellow**



**NEW**



### PA91 Reflective Stickers Pack

High quality reflective stickers for safety helmets. Thanks to their honeycomb pattern and excellent reflective quality, they help to improve visibility for added safety in all working environments. Cutting design suitable to be adapted to many different helmet styles. Each pack (for 1 helmet) contains 7 stickers. Sold in set by 10 packs (to cover 10 helmets).



 **PET**  
 **Silver, Red**



**ID10**   

### ID Holder

In Case of Emergency (ICE) stickers for accident victims gives on-site instant access to victims potential lifesaving information and enables emergency contacts be quickly notified of the situation 24/7.

 **PVC**  
 **Yellow**



**ID11**   

### Universal Emergency ID

Emergency ID using universal images to ensure that vital emergency information can be easily identified in the event of an accident. A window displays user's name.

 **PVC**  
 **Yellow**

See model shot image on page 539



**ID12**   

### Medical Information Contact

Offers immediate identification of a workers medical information which could ultimately save the life of the worker in accidents and emergencies. Language free with instantly recognisable icons for easy and global recognition.

 **PVC**  
 **Red**



**NEW**

**ID13**  

### Universal Fit ID

The unique silicone "stretch-ring" fitting system allows it to be fitted to lanyards, key-rings, belts, fall restraints etc. Features a fully waterproof ID card to record personal information.

 **Silicone**  
 **Yellow**



**NEW**

### PA10 Helmet Holder

The helmet holder is a patented product designed to keep your helmet safe and secure. It contains high performance magnets for attaching to metal surfaces and screws to attach to timber and plaster board surfaces. Other features include an in built safety spectacle holder and it is UV stabilised for outdoor use. Suitable for most standard type helmets.

 **100% Polypropylene**  
 **Yellow One Size**

## HEAD PROTECTION - BUMP CAPS

Bump Caps can reduce the risk of head injuries in the workplace by providing head protection against minor bumps and scrapes. Combining the comfort and style of a sport cap with the added protection of a plastic protective shell and soft pads, Portwest Bump Caps provide a light weight, comfortable solution to head protection. The fashionable design also means it is a form of safety wear that employees will actually want to wear.

**EN812:2012 - Industrial Bump Caps**  
European standard for bump caps for industry, describing mandatory impact and penetration tests.

**NOTE:** Bump Caps protect against impacts from knocks against structures and objects. They don't protect against falling objects and in all cases where a Safety Helmet is required.



### Fully Vented Bump Caps

HIGH QUALITY ABS SHELL provides good protection

Fully vented for breathability



OUTER CAP made from heavy duty cotton twill

BUCKLE adjustment

INNER SOFT PAD for extra comfort and shock absorption



**NEW**

### Mid peak (5cm)

Inner ABS shell and soft pad  
Shown above

### PS59 AirTech Bump Cap EN 812



Innovative design Bump Cap. Maximised ventilation thanks to the side mesh and wide open windows on the inner shell. Modern textile design with reflective piping for better visibility. The mid-length peak makes this bump cap suitable for all uses. Buckle adjustable size.

100% Nylon, ABS, EVA

X Navy

Y Hi-Vis Yellow

Adjustable 54-59 cm 170g



Cooling mesh fabric

Reflective piping



# Semi Vented Bump Caps



**PW59 Portwest Bump Cap**  
EN 812

Classic design bump-cap; ventilation ports for maximum breathability. Metallic ring holes for baseball cap look. Hook and loop adjustable size.

60 10

100% Cotton, ABS, EVA

Black, Navy, Royal

Adjustable 54-59 cm 162g



**PW89 Short Peak Bump Cap**  
EN 812

Without reducing the level of performance and protection, the short peak of this bump cap gives the benefit of lighter wear and better visibility. Peak length 3cm only. Hook and loop adjustable size.

60 10

100% Cotton, ABS, EVA Foam

Black, Navy, Royal

Adjustable 54-59 cm 145g



**PW69 Vent Cool Bump Cap**  
EN 812

Sport look bump cap, with large mesh panel on the top, allowing maximum airflow. Reflective stripes for enhanced safety and style. Hook and loop adjustable size.

60 10

Cotton, Mesh, ABS, EVA

Black, Grey, Navy, Red

Adjustable 54-59 cm 162g



**PW79 Hi-Vis Bump Cap**  
EN 812

Modern style bump cap in Hi-Visibility colours. Mesh panel on the back which, together with the ventilation holes on the internal shell, help cooling comfort. Hook and loop adjustable size.

60 10

Cotton, Mesh, ABS, EVA

Hi-Vis Orange, Hi-Vis Yellow

Adjustable 54-59 cm 162g

# Hearing Protection

Portwest Hearing protection range includes PPE with different level sound attenuation, to be adapted to various working environments giving the correct protection from dangerous noise, without isolating the workers. New models and colours for earmuffs allow a personalised choice. An updated range of earplugs complete our competitive and performing offer.



The performance of the hearing protector (its attenuation level) must be adapted to the risk assessment of the workplace. It should bring the noise level to a level that is not harmful to health, while avoiding over-protection which would cut the operator from his environment (warnings, communication, etc).

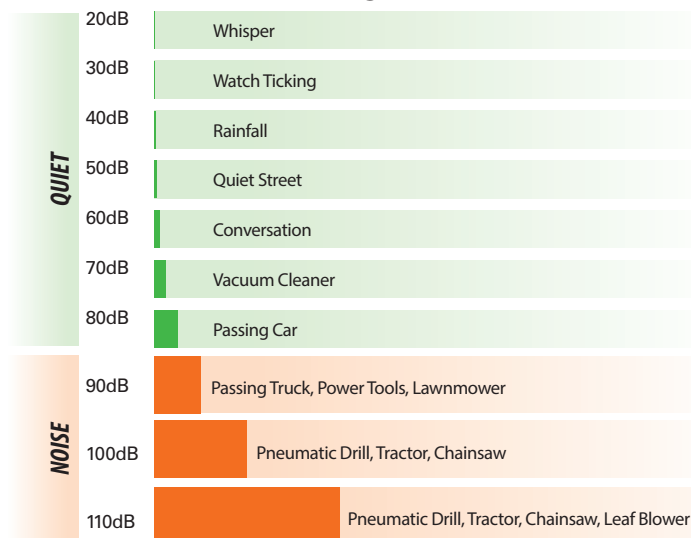
Requirements Directive 2003/10/EC: Minimum requirements for the protection of workers against the risks related to noise exposure		
8 hours exposure time at or above 85dB	8 hours exposure time at or above 80dB	8 hours exposure time between 75 dB and 80 dB
Obligatory hearing protection	Hearing protectors available to the worker	Hearing protection recommended

## How To Protect Yourself?

### 4 Steps To Choose The Appropriate Hearing Protection.

1. Identify the nature of the noise: stable, fluctuating, intermittent or pulse.
2. Measure the noise at the working station: intensity (dB) and volume (Hz).
3. Determine the exposure time.
4. Calculate the required reduction to return to a background level acceptable (see Directive 2003/10 / EC).

## Do You Value Your Hearing?



### EN 352-1: 2002

Hearing Protectors - Ear Muffs

### EN 352-2: 2002

Hearing Protectors - Ear Plugs

### EN 352-3: 2002

Hearing Protectors - Helmet Mounted Ear Muffs

### EN 352-4: 2002

Hearing Protectors - Level Dependent Ear Muffs

### EN 352-8: 2002

Earmuffs with Entertainment Radio

All these standards establish requirements with regards to the manufacture, design, performances and test methods.

### • SNR (Simplified Noise Reduction):

Single average value of attenuation.

HML: Attenuation values expressed in terms of average levels of frequencies:

H: Attenuation of PPE at high frequencies (pitched noises).

M: Attenuation of PPE at medium frequencies.

L: Attenuation of PPE at low frequencies (bass sounds).



### ANSI S3.19 1974 American National Standard - Methods for Hearing Protection Measurement

This standard specifies the test method for determining the level of noise attenuation (NRR Noise Reduction Rating) of the hearing protection, as recommended by the EPA (U.S. Environmental Protection Agency).





Integrated Microphone

### PW45 Electronic Ear Muff

EN 352-1 SNR 27DB  
EN 352-4

30  
10



ABS, Polystyrene  
Yellow

SNR  
27dB

H: 33 dB  
M: 24 dB  
L: 16 dB

Enhances low level sounds, to allow better hearing.



Automatically compresses loud and continuous noise below 85dB

## Clip on Ear Muffs - Compatible with Most Hard Hats

### PW47 Endurance Clip-On Ear Protector

EN 352-3 SNR 29DB

60  
10



ABS, Polystyrene  
Red

SNR  
29dB

H: 32 dB  
M: 26 dB  
L: 19 dB



### IMPROVED

### PS47 Endurance HV Ear Protector

EN 352-3 SNR 29DB

60  
10



ABS, Polystyrene  
Hi-Vis Orange,  
Hi-Vis Yellow

High Visibility Colour Option

NEW  
COLOUR

SNR  
29dB

H: 32 dB  
M: 26 dB  
L: 19 dB



### PW42 Clip-On Ear Protector

EN 352-3 SNR 26DB

60  
10



HIPS (High Impact Polystyrene),  
Stainless Steel  
Red, Yellow

SNR  
26dB

H: 29 dB  
M: 24 dB  
L: 16 dB



### PS42 Clip-on HV Ear Protector

EN 352-3 SNR 26DB

60  
10



HIPS (High Impact Polystyrene),  
Stainless Steel

Hi-Vis Yellow

SNR  
26dB

H: 29 dB  
M: 24 dB  
L: 16 dB



High Visibility Colour Option

NEW



SNR 36dB  
H: 36 dB  
M: 34 dB  
L: 26 dB

**PS49** Portwest Max Ear Muff

EN 352-1 SNR 36DB

40  
10

Unparalleled attenuation level ear muff with comfort headband and compact cups. Lightweight and robust thanks to the metallic cup supports.



ABS, PVC, Stainless Steel  
Black

NEW



SNR 33dB  
H: 35dB  
M: 30 dB  
L: 25 dB

**PW49** Top Marker Ear Muff

EN 352-1 SNR 33DB

40  
10

Ultra lightweight foldable ear muff with a High Visibility headband for increased visibility. Metallic cup supports for durability.



ABS, Foam, PVC, Stainless Steel  
Green

**PW43**

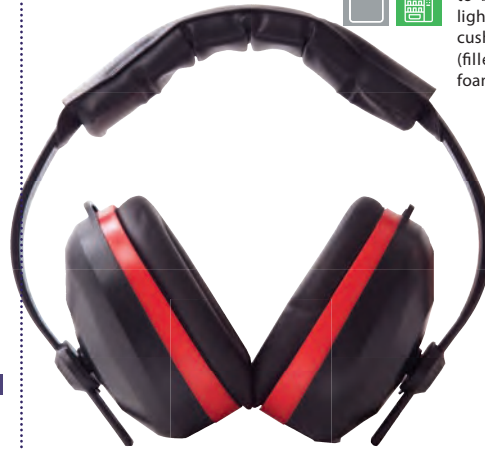
**Comfort Ear Protector**

EN 352-1 SNR 32 DB  
ANSI S3.19 26DB

40  
10



This ear protector is constructed to be both durable and ultra lightweight. It has broad foam cushions, high impact ABS cups (filled with sound absorbing foam) and comfort headband.



ABS, Polystyrene  
Black

SNR 32dB  
H: 34 dB  
M: 30 dB  
L: 23 dB

**PW41**

**Super Ear Protector**

EN 352-1 SNR 32DB  
ANSI S3.19 25DB

60  
10



Ultra lightweight for prolonged usage. Adjustable dual pin mounting system provides multiple positioning for better fit. Folds to palm size.



HIPS (High Impact Polystyrene), Stainless Steel  
Red, Yellow

SNR 32dB  
H: 36 dB  
M: 30 dB  
L: 21 dB

**PS41**

**Super HV Ear Protector**

EN 352-3 SNR 32DB

60  
10



Hi-Visibility colour. Folds to palm size preventing external contamination.

HIPS (High Impact Polystyrene), Stainless Steel  
Hi-Vis Yellow



High Visibility Colour Option

SNR 32dB  
H: 36 dB  
M: 30 dB  
L: 21 dB

# Essential Personal Ear Protection

## PW48 PW Classic Plus Ear Muff

EN 352-1 SNR 28DB

60  
10



Lightweight and flexible the Classic Plus is adjustable and extremely comfortable to wear. Suited to long term use.

ABS, Polystyrene  
Red, Yellow

**SNR**  
28dB

H: 32 dB  
M: 24 dB  
L: 17 dB



## PW40 Classic Ear Protector

EN 352-1 SNR 28DB  
ANSI S3.19 22DB

60  
10



Lightweight and robust, the PW40 is suitable for all day comfort. Excellent attenuation rate.

ABS, Polystyrene  
Red, Yellow

**SNR**  
28dB

H: 29 dB  
M: 25 dB  
L: 18 dB



## PS40 Classic HV Ear Protector

EN 352-1 SNR 28DB

60  
10



Hi-Visibility colour. Suitable for all day comfort.

ABS, Polystyrene  
Hi-Vis Yellow

High Visibility  
Colour Option

**SNR**  
28dB

H: 29 dB  
M: 25 dB  
L: 18 dB



## PS48 Portwest Slim Ear Muff

EN 352-1 SNR 22DB

60  
10



Foldable low level attenuation ear muffs, suitable for low level noise workplaces. The ultra slim earmuffs ensure a soft and lightweight fit which envelopes the ears keeping them safe and protected.

Polyoxymethylene, Polystyrene,  
PVC  
Red

**SNR**  
22dB

H: 30 dB  
M: 19 dB  
L: 12 dB



**NEW**

## Low Level Attenuation

# EAR PLUGS



Each Pair Individually Packed

## EP02 PU Foam Ear Plug (200 pairs)

CE x10  
200 EN 352-2 SNR 37DB  
ANSI S3.19 32DB

Using durable foam that can be moulded to the contour of the ear. Easy to insert and remove. Excellent protection. Each pair comes in a resealable hygienic polybag.

PU Foam  
Orange

2

SNR 37dB  
H: 37 dB  
M: 35 dB  
L: 31 dB



Each Pair Individually Packed

## EP08 Corded PU Foam Ear Plug (200 pairs)

CE x10  
200 EN 352-2 SNR 37DB  
ANSI S3.19 32DB

Comfortable fit soft foam ear plugs with the convenience of a cord. The tapered shape allows for a comfortable and easy fit in the ear canal. Each pair is inside a resealable hygienic polybag.

PU Foam  
Orange

1

SNR 37dB  
H: 37 dB  
M: 35 dB  
L: 31 dB



Each Pair Individually Packed

## EP06 Bell Comfort PU Foam Ear Plug (200 pairs)

CE x10  
200 EN 352-2 SNR 34DB  
ANSI S3.19 32DB

Ultra soft PU foam ear plugs. The special bell shape allow customized comfort wear. Each pair comes in a resealable hygienic polybag.

PU Foam  
Orange

2

SNR 34dB  
H: 33 dB  
M: 31 dB  
L: 30 dB



Each Pair Individually Packed

## EP30 Detectable PU Foam Ear Plug

CE x10  
200 EN 352-2 SNR 37DB  
ANSI S3.19 32DB

Detectable disposable ear plug. Comfortable fit thanks to the soft PU foam material. Corded for increased safety and visibility in food industry environments. Each pair is inside a resealable hygienic polybag.

PU Foam  
Blue

1

SNR 37dB  
H: 36 dB  
M: 35 dB  
L: 34 dB



## EP20 Ear Plug Dispenser

CE EN 352-2  
ANSI S3.19 32DB

x4  
500 Dispenser container for EP02. One gentle turn delivers a pair of uncorded foam earplugs. It can be used on a horizontal surface or be hung on the wall. Sold with 500 pairs EP02 included.

2

PU Foam  
Black

CONTAINS 500  
PAIRS



## EP21 Ear Plug Dispenser Refill Pack

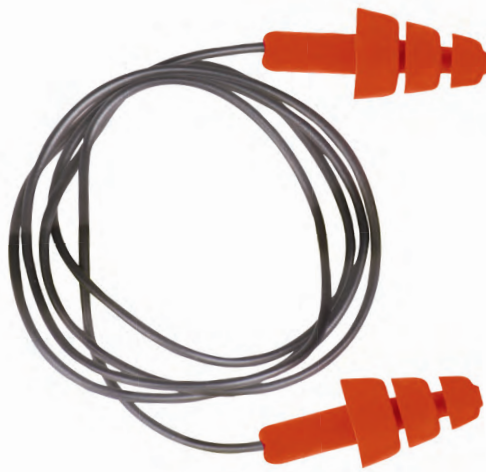
CE EN 352-2 SNR 37DB  
ANSI S3.19 32DB

x8  
500 500 pairs of ear plugs EP02, refill for dispenser EP20. These soft ear plugs seal the ear canal with soft, slow-recovery foam for excellent noise reduction and comfort.

2

PU Foam  
Orange

SNR 37dB  
H: 37 dB  
M: 35 dB  
L: 31 dB



### EP04 Reusable TPE Corded Ear Plug

EN 352-2 SNR 23DB



Reusable ear plugs. The TPE (thermo plastic elastomer) material moulds to the ear canal after a few minutes by reacting to the warmth so the product fits almost every wearer.

TPE  
Orange

SNR 23dB  
H: 25 dB  
M: 20 dB  
L: 16 dB



### EP01 Detectable Ear Plug

EN 352-2 SNR 27DB



Detectable and reusable ear plugs. Pre-moulded flange for optimal sealing. A metal ball bearing is implanted in the stem, making the ear plug highly detectable. Two colours available. Recommended for use in food industry environments.

TPE  
Blue, Green

SNR 27dB  
H: 32 dB  
M: 26 dB  
L: 22 dB



### EP15 Reusable Banded Ear Plugs

EN 352-2 SNR 22DB



Reusable and washable banded ear plugs. Flexible ABS band and soft comfortable plugs, which block the ear canal opening.

ABS, TPE  
Orange

SNR 22dB  
H: 24 dB  
M: 18 dB  
L: 17 dB

### EP16 Banded Ear Plug

EN 352-2 SNR 27DB



Banded ear plugs, light and comfortable. Ideal for intermittent use. Soft disposable PU plugs. Replacement plugs available. Easy to replace.

ABS, Polyurethane  
Yellow



SNR 27dB  
H: 30 dB  
M: 23 dB  
L: 22 dB

### EP18 Replacement Pods

EN 352-2 SNR 27DB



Soft foam replacement caps for use only with EP16.

Polyurethane  
Yellow

SNR 27dB  
H: 30 dB  
M: 23 dB  
L: 22 dB



# INDUSTRIAL WIPES

For cleaning hands, work tools and surfaces with anti-bacterial additive to protect the worker



IW10



IW30



IW40



IW50

## EN 12054

Chemical disinfectants and antiseptics, products for hygienic and surgical handrub and handwash - bactericidal activity.

## EN 1276: 2009

This European standard specifies a test method and the minimum requirements for bactericidal activity of chemical disinfectant and antiseptic products that form a homogeneous, physically stable preparation when diluted with hard water, or in the case of ready to use products, with water.

## EN 14476: 2005

This document specifies a test method and the minimum requirements for virucidal activity of chemical disinfectants or antiseptic products for instruments, surfaces or hands that form a homogeneous physically stable preparation when diluted with hard water - or in the case of ready-to-use products - with water.



**Industrial Wipes should be stored at all times in an upright position.**



**Alcohol content**



**Orange Fragrance**



**Fragrance Free**



**Manufactured in The European Union**

## IW10

### Hand Wipes (150 Wipes)

EN 12054  
EN 1276



Removes wet paint, oil, grease, grime etc. For use on hands, tools and surfaces. Antibacterial action - effective against E - coli, Salmonella, MRSA, Listeria and Weils Disease. Dermatologically tested.

Polypropylene 25g  
 White, 266mm x 264mm



## IW30

### Heavy Duty Hand Wipes (50 Wipes)

EN 12054  
EN 1276



Heavy duty wipe to quickly and effectively remove oil, grease, grime and wet paint. The textured material is designed to remove ingrained dirt. Antibacterial action and dermatologically tested.

Meltblown Textured Fabric 38g  
 Orange - 266mm x 215mm



## IW40

### Hand Sanitiser Wipes (200 Wipes)

EN 12054  
EN 14476



Hand sanitising wipe with antibacterial and anti fungal action - effective against 99.9% of bacteria including Human Influenza H1N1 and H3N2. Independently tested to European standards EN12054 & EN14476.

Polyviscose 25g  
 Blue - 195mm x 200mm



## IW50

### Surface Sanitiser Wipes (200 Wipes)

EN 1276  
EN 14476



Antibacterial surface wipes designed to protect surfaces and prevent contamination. Ideal for sanitising surfaces prior to food preparation. Independently tested to European standards EN1276 & EN14476.

Polyviscose 25g  
 Blue - 195mm x 200mm



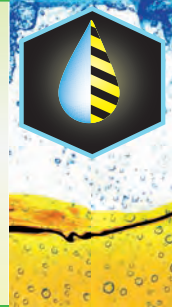
# SPILL PROTECTION

Introducing a large range of spill control products that efficiently manage any industrial liquid hazard. These products are now needed to comply with health and safety regulations and are your first line of defence against a variety of spills.



## Chemical Spill Range

Chemical sorbent are yellow and are used with most aggressive chemical liquids.



## Maintenance Spill Range

Maintenance sorbent are grey and are used with most liquids that do not degrade the sorbent.



## Oil-Only Spill Range

Oil Only sorbent are white or blue and are used with oils, hydrocarbons, and liquids which do not mix with or absorb water.

## Chemical Compatibility Chart

	ACIDS	CAUSTICS	SOLVENTS	OILS & FUELS	COMMON FLUIDS
	✓	✓	✓	✓	✓
	---	---	---	---	---
	---	---	---	---	---
Sulphuric Acid	✓	✓	✓	✓	✓
Hydrochloric Acid	✓	✓	✓	✓	✓
Nitric Acid	✓	✓	✓	✓	✓
Phosphoric Acid	✓	✓	✓	✓	✓
Acetic Acid	✓	✓	✓	✓	✓
Hydrofluoric Acid	✓	✓	✓	✓	✓
Perchloric Acid	✓	✓	✓	✓	✓
Carbonic Acid	✓	✓	✓	✓	✓
Formic Acid	✓	✓	✓	✓	✓
Sodium Hydroxide	---	✓	✓	✓	✓
Potassium Hydroxide	---	✓	✓	✓	✓
Ammonia	---	✓	✓	✓	✓
Trisodium Phosphate	---	✓	✓	✓	✓
Sodium Carbonate	---	✓	✓	✓	✓
Calcium Carbonate	---	✓	✓	✓	✓
Lime water	---	✓	✓	✓	✓
Aniline	---	---	✓	✓	✓
Lye	---	---	✓	✓	✓
Acetone	---	---	✓	✓	✓
Acrylonitrile	---	---	✓	✓	✓
Benzene	---	---	✓	✓	✓
Carbon Tetrachloride	---	---	✓	✓	✓
Chloroform	---	---	✓	✓	✓
Cyclohexanone	---	---	✓	✓	✓
Diethylamine	---	---	✓	✓	✓
Ether	---	---	✓	✓	✓
Formaldehyde	---	---	✓	✓	✓
Hexane	---	---	✓	✓	✓
Methylene Chloride	---	---	✓	✓	✓
Methylethyl Ketone	---	---	✓	✓	✓
Perchloroethylene	---	---	✓	✓	✓
Turpentine	---	---	✓	✓	✓
Toluene	---	---	✓	✓	✓
Trichloroethylene	---	---	✓	✓	✓
Crude Oil	---	---	---	✓	---
Diesel Oil	---	---	---	✓	---
Hydraulic Oil	---	---	---	✓	---
Kerosene	---	---	---	✓	---
Jet Fuel	---	---	---	✓	---
Motor Oil	---	---	---	✓	---
Petrol	---	---	---	✓	---
Vegetable Oil	---	---	---	✓	---
Oil on Water	---	---	---	---	✓
Blood	---	---	---	---	✓
Water	---	---	---	---	✓
Milk	---	---	---	---	✓
Gastric Acid	---	---	---	---	✓
Soapy Water	---	---	---	---	✓
Beer/Wine	---	---	---	---	✓
Phenol	---	---	---	---	✓
Ethylene Glycol	---	---	---	---	✓
Methanol	---	---	---	---	✓
Ethanol [100%]	---	---	---	---	✓

- **BS 7959-BS Standards-Material used for the control of liquid spillages** BS 7959 is the British Standard, which contains 3 parts for spill control products: Absorbency, Oil Only Sorbents and Colour Coding for spill.
- **BS 7959-1:2004 - Determination Of Sorbency** This tests the absorbency rate for a variety of different sorbents that is: pads, socks, pillows etc using diesel fuel, hydraulic oil, motor oil, xylene, deionized water. The absorbency is measured in litres of liquid absorbed per Kg. After 30 seconds if the sorbent has retained the liquid it passes the standard.
- **BS 7959-2:2002 - Determination Of Water Repellency Or Buoyancy For Hydrophobic (Oil Sorbent) Materials** This test is performed in the same manner as part 1, however it is only measured the absorbency for oil only sorbents.
- **BS 7959-3:2007 - Colour Coding Sorbent Materials** This part of the standard specifies a system of colour coding for sorbent materials and their packaging.



# CHEMICAL SPILL RANGE

Meltblown Chemical Absorbents; serves the same function as the meltblown Maintenance, the only exception is the high visibility yellow pigment that is added. The only choice for aggressive or unknown chemicals.

50l.

## For Fast and Safe Containment of Chemical Spill Hazards

### SM91 50 Litre Chemical Kit

BS 7959-1, BS 7959-3

3 100%



This kit can be used in exterior and interior environments. Reinforced construction of pads and socks allow retention of harmful substances such as acids and solvents.

 Yellow  
Absorbs 50 Litres

#### Kit contains:

- 2 x Sock
- 1 x Cushion
- 30 x Pads
- 1 x Bag Tie
- 1 x Yellow Disposable Bag
- 1 x Clear Clip handle Bag





# Prepared for Emergencies

**SM90**

**20 Litre Chemical Kit**  
BS 7959-1, BS 7959-3

6 100%



New chemical control response kit. Smaller size allows conventional storage and easy portability to all areas that may need spill control. Excellent chemical and fluid retention for easy displacement of hazardous chemicals.

 **Yellow**  
Absorbs 20 Litres

**Kit contains:**

- 2 x Sock
- 20 x Pads
- 1 x Bag Ties
- 1 x Yellow Disposable Bag
- 1 x Clear Clip Handle Bag
- 1 x Instruction & Contents Sheet



## Yellow - absorbs hazardous chemical based liquids



Meltblown fibres with a single lamination top layer.

**x200**



**SM80**

**Chemical Pad**  
BS 7959-1, BS 7959-3

200 100%



Perforated single spun bonded layers gives excellent tensile strength and rapid absorption properties. Suitable for use in lint free environments. Each pad can absorb 0.4L of aggressive and non-aggressive chemicals.

 **Meltblown Polypropylene**  
 **Yellow**  
50cm X 40cm  
Absorbs 0.4 Litres



**x2**



**SM75**

**Chemical Roll**  
BS 7959-1, BS 7959-3

2 100%



The chemical roll can be used on walkways or as independently torn off pads. Ideal for indoor or outdoor industrial environments. Absorbs 80 litres of aggressive and non-aggressive chemicals per roll.

 **Meltblown Polypropylene**  
 **Yellow**  
38cm x 46m  
Absorbs 80 Litres



**x40**



**SM70**

**Chemical Sock**  
BS 7959-1, BS 7959-3

40 100%



The chemical sock is perfect for environments where fast, effective containment and control of hazardous and non-hazardous chemicals is essential. Flexible fabric expands rapidly to increase the rate of absorption while providing excellent liquid retention, durability and strength.

 **Polyester Knitted Fabric Outer with Polypropylene Fill**  
 **Yellow**  
120cm x 8cm  
Absorbs 3 Litres



# MAINTENANCE SPILL RANGE

These products are grey in colour and will absorb all kinds of industrial liquids including oil based and water based spills. Ideal for use in industrial situations where many different liquids are present at the same time.

## SM33 120 Litre Maintenance Kit

BS 7959-1, BS 7959-3



An economical kit packed in a yellow 2-wheeled industrial strength polyethylene bin. This is ideal for moving to the point of a spill. The maintenance pads have coverstocks that hold the pads together even when saturated.

 Grey  
Absorbs 120 Litres

120ℓ.

### Kit contains:

- ✓ 6 x Sock
- ✓ 2 x Cushions
- ✓ 60 x Pads
- ✓ 4 x Bag Ties
- ✓ 4 x Yellow Disposable Bags
- ✓ 1 x Instruction & Contents Sheets
- ✓ 1 x 2 Wheeled Industrial Bin




## SM31 50 Litre Maintenance Kit

BS 7959-1, BS 7959-3



Waterproof holdall allows the kit to be stored outside. The maintenance pads have coverstocks that hold the pads together even when saturated. Socks are double stitched for maximum fluid retention.

 Grey  
Absorbs 50 Litres

50ℓ.

### Kit contains:

- ✓ 2 x Sock
- ✓ 1 x Cushion
- ✓ 30 x Pads
- ✓ 1 x Bag Tie
- ✓ 1 x Yellow Disposable Bag
- ✓ 1 x Clear Clip handle Bag



**SM30** 20 Litre Maintenance Kit

6 100% BS 7959-1, BS 7959-3



An economical spill response kit that is easy to carry and small enough to put behind the seat of a vehicle. The maintenance pads have coverstocks that hold the pads together even when saturated. Socks are double stitched for maximum fluid retention.

X Grey  
Absorbs 20 Litres

**Kit contains:**

- 2 x Sock
- 20 x Pads
- 1 x Bag Ties
- 1 x Yellow Disposable Bag
- 1 x Clear Clip Handle Bag
- 1 x Instruction & Contents Sheet

**Absorbs 20 Litres**



**Grey – absorbs water/oil based liquids.**



Meltblown fibres with a single lamination top layer.

**x200**

**SM20** Maintenance Pad

BS 7959-1, BS 7959-3

200 100%



These pads have open edges for quick wicking. High strength spunbound coverstocks prevent lint sticking to machine parts and hold the pads together even when saturated. Each pad absorbs 0.8 litres.

Meltblown Polypropylene  
Grey  
50cm X 40cm  
Absorbs 0.8 Litres



**x2**

**SM15** Maintenance Roll

BS 7959-1, BS 7959-3

2 100%



The maintenance roll is a workshop favourite, easily dispensed and ideal for walkways, with open edges for quick wicking. A full roll has the capacity to absorb 80 litres of water and oil based liquids.

Meltblown Polypropylene  
Grey  
38cm X 46m  
Absorbs 80 Litres



**120cm x 8cm**

**x40**

**SM10** Maintenance Sock

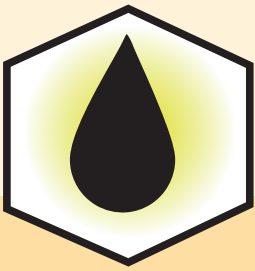
BS 7959-1, BS 7959-3

40 100%



The maintenance sock has a knitted outer skin with fast absorbency speeds. It absorbs more than 4 litres of water and oil based liquids.

Polyester Knitted Fabric Outer with Cellulose Fill  
Grey  
Absorbs 4 Litres



# OIL-ONLY SPILL RANGE

These products are always white in colour and should only be used in the event of oil based spills such as lubricants, fuels and even vegetable oils. Using hydrophobic technology they only absorb oil, not water, and will remain buoyant even when saturated.

**SM63**



**120 Litre Oil Only Kit**  
BS 7959-1, BS 7959-2, BS 7959-3

**120ℓ.**



Similar to the maintenance kit, but contains extra strong oil pads and socks that absorb oil and repel water. The kit contains 60 pads, 4 socks and 4 bags with ties.

**White**  
Absorbs 120 Litres

**Kit contains:**

- ✓ 6 x Sock
- ✓ 2 x Cushions
- ✓ 60 x Pads
- ✓ 4 x Bag Ties
- ✓ 4 x Yellow Disposable Bags
- ✓ 1 x Instruction & Contents Sheets
- ✓ 1 x 2 Wheeled Industrial Bin



**50ℓ.**

**SM61**



**50 Litre Oil Only Kit**  
BS 7959-1, BS 7959-2, BS 7959-3



Similar to the maintenance kit, but has extra strong oil pads and socks that absorb oil and repel water.

**White**  
Absorbs 50 Litres

**Kit contains:**

- ✓ 2 x Sock
- ✓ 1 x Cushion
- ✓ 30 x Pads
- ✓ 1 x Bag Tie
- ✓ 1 x Yellow Disposable Bag
- ✓ 1 x Clear Clip handle Bag



**SM60**

**20 Litre Oil Only Kit**

BS 7959-1, BS 7959-2, BS 7959-3

6 100%



The kit has extra strong oil pads and socks that absorb oil and repel water. A compact spill bag that is very portable.

**White**  
Absorbs 20 Litres



**Kit contains:**

- 2 x Sock
- 20 x Pads
- 1 x Bag Ties
- 1 x Yellow Disposable Bag
- 1 x Clear Clip Handle Bag
- 1 x Instruction & Contents Sheet

**White – absorbs only oil based liquids**



Meltblown fibres with a single lamination top layer.

**x200**

**SM50**

**Oil Only Pad**

BS 7959-1, BS 7959-2, BS 7959-3

200 100%



These pads are hydrophobic which allows them to float on water and have been designed specifically for hydraulic engineers with open edges for quick wicking. Each pad absorbs 0.8 litres.

**Meltblown Polypropylene**  
**White**  
50cm X 40cm  
Absorbs 0.8 Litres



**x2**

**SM45**

**Oil Only Roll**

BS 7959-1, BS 7959-2, BS 7959-3

2 100%



The oil only roll is well suited to mechanical engineering workshops. It is perforated which makes it suitable for multiple applications. A full roll has the capacity to absorb 80 litres of a variety of oil based liquids.

**Meltblown Polypropylene**  
**White**  
38cm X 46m  
Absorbs 80 Litres



**x40**

**120cm x 8cm**

**SM40**

**Oil Only Sock**

BS 7959-1, BS 7959-2, BS 7959-3

40 100%



Our oil only sock has a spun bond outer for durability. The sock is hydrophobic allowing it to float on water even when saturated. Each sock absorbs 3 litres of oil based liquids.

**Polyester Knitted Fabric Outer with Polypropylene Fill**  
**White**  
Absorbs 3 Litres

# KNIVES

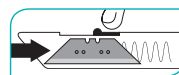
Portwest Knives provide a full range of cutting solutions including replacement blades. Our knives offer razor sharp precision and are ergonomically designed for easier handling. Using only high quality materials, they are used across a wide variety of industries including factories, warehouses, trades men and D.I.Y enthusiasts. You can trust our knives and blades to perform while making safety a priority.



TUV GS Product Service Certification. Complies and meets the requirements of the German Equipment Safety Law.



**Always wear safety glasses**



**Automated blade retraction**

## KN10 Ultra Safety Cutter

144  
12



Cleverly designed using zinc alloy with your safety in mind, this knife for right-handed people has a spring-loaded blade retract system that responds to any uncontrolled hand movement. With an easy blade change, this knife is a great all-rounder.

Zinc Alloy  
 Black



### Classic design



## KN20 Pro Safety Cutter

TUV GS

144  
12

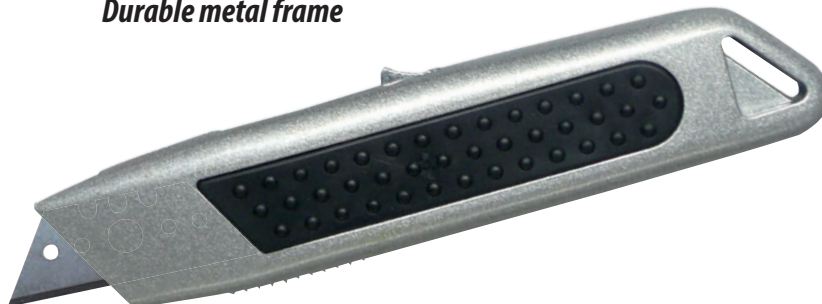


Made from zinc alloy for toughness and durability, the Pro Safety Cutter is suitable for both right and left handed users. With a top blade control slider and an automatic blade retract system, this knife has been designed to ensure your safety.

Zinc Alloy, Rubber  
 Silver



### Durable metal frame



## KN40 Retractable Safety Cutter

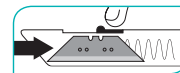
TUV GS

72  
12



The latest super safety cutter featuring a blade that retracts when it loses contact with material being cut. Primarily for use in warehousing, distribution or construction environments where knives are often used and safety is a priority. Pack contains 10 replacement blades (KN91).

Zinc Alloy, Rubber  
 Blue



## KN30 Portwest Folding Utility

### Knife

96  
8



This lightweight utility knife offers an aluminium handle and a belt clip for added mobility. It features a quick-change blade mechanism saving time in demanding work conditions. Its one hand easy opening makes it convenient to use. Includes 5 blade replacements for added value.

Aluminium, Rubber  
 Blue



*Ergonomic handle design*

KN91

## KN18 Portwest Snap Off Knife

144  
12



Ergonomically designed with rubber grip makes this knife easy to hold and easy to use. A clamp down thumb dial controls blade movement for added safety. In addition the KN18 comes with 3 blades. The push button blade holder gives easy access to spare blades and is rust resistant and durable.

ABS, Rubber  
 Blue



*Changes blades in seconds*

*Razor sharp results*



KN93

## KN09 Portwest 9mm Snap Off

### Knife

X48  
36



9mm snap off knife with retractable blade. Compact design with clamp down thumb dial for precise blade positioning. Segmented snap off blade allows for a long lasting, efficient blade life cycle.

ABS  
 Blue



*Clamp down thumb dial locks blade in position*

## KN93 Portwest Snap For KN18

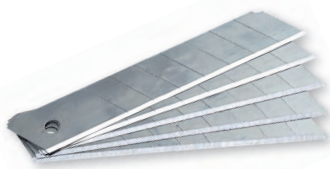
### Replacement Blades (10)

x12  
x20  
10



The Replacement blades for the KN18 have 8 cutting points. Comes in packs of 10 and is a generic size of 100mm x 18mm so it will suit most other designs also.

Carbon Steel  
 Silver



## KN90 Replacement Blades for KN10

### and KN20 (10)

x20  
x25  
10



Fits the KN10 and KN20 knives. This blade, constructed from carbon steel, has unparalleled sharpness and superior edge retention to ensure perfect cutting every time. Each blade features two cutting edges.

Carbon Steel  
 Silver



## KN91 Replacement Blades for KN30

### and KN40 Cutters (10)

x20  
x25  
10



This blade is constructed from carbon steel. Each blade features two cutting edges. Designed to be used with the KN30 and the KN40.

Carbon Steel  
 Silver





## Type 2 Insert Knee Pads

### Knee pads

Superior Comfort  
and Protection

Portwest knee pads offer a range of knee protection to suit every situation, type 1 (strap on knee pads), type 2 (insert knee pads) and type 3 (kneeling pads). All Portwest knee pads use premium high density material to give the user the best protection possible for their knees no matter the hazard. Diverse materials such as EVA foam, neoprene rubber and silicone gel inserts are used to ensure maximum wearer comfort. Ergonomics is a key feature in our knee pads design and is backed up in the positive feedback we receive from our wearer trials.

EN 14404:2004+A1:2010

This European Standard specifies the requirements for knee protectors type 1 and type 2. Type 2 being inserts and type 1 being strap knee pads. The level of protection it offers ranges from a level 0 to a level 2. Level 2 offering the greatest protection.



#### KP55 Portwest Ultra Knee Pad

EN 14404:2004+A1:2010 TYPE 2 LEVEL 1

96  
24



The Portwest Ultra Knee Pad is constructed using a large concentration of neoprene that provides extremely good absorption and flexibility. This knee pad can remain flexible in extreme temperatures, hot or cold and is machine washable up to 60 degrees.

Neoprene, EVA Foam

Black One Size  
24cm x 14.5cm



#### KP44 CE Knee Pad

EN 14404:2004+A1:2010 TYPE 2 LEVEL 1

96  
24



Innovative knee protection conforming to the latest European regulations. The KP44 is ideal for tradesmen, plumbers or tilers. Sold in pairs.

EVA Foam

Black One Size  
24cm x 16.5cm



#### S156 Portwest Knee Pad

EN 14404:2004+A1:2010 TYPE 2 LEVEL 0

96  
24



The ultimate in knee protection and wearer comfort. Ergonomically designed knee pads providing durability, comfort and protection. This knee pad fits all Portwest garments and does not hinder the wearer in any way when walking.

EVA Foam

Black One Size  
21.5cm x 16.5cm



# Type 1 Strap On Knee Pads

## KP40 Ultimate Gel Knee Pad

EN 14404:2004+A1:2010 TYPE 1 LEVEL 1



Functional and technically innovative, the KP40 offers tough protection and premium comfort to the user. Thick silicone gel adapts to your knee cap offering unrivalled comfort, whilst the tough abrasion resistant PVC shell ensures ultimate protection and a longer life span. The shell is designed to give great stability by distributing your weight evenly over a wide area. Adjustable straps allow for great flexibility for fitting while providing comfort to the back of the leg.

PVC Shell, Nylon, EVA Foam, Neoprene

Black/Turquoise Adjustable



## KP30 Super Gel Knee Pad

EN 14404:2004+A1:2010 TYPE 1 LEVEL 0



A strong outer shell protects your knee from sharp objects while an inner silicone gel cushion acts as a shock absorber for your joints. The outer shell also features a traction based design to allow the user to move with confidence on their knees while working. Elasticated high quality straps focus on holding the knee pad in place while not being overly constrictive.

PVC Shell, Nylon, EVA Foam, Neoprene

Black Adjustable



## KP20 Lightweight Knee Pad

EN 14404:2004+A1:2010 TYPE 1 LEVEL 0



So lightweight, you won't even know you are wearing it. Designed to wrap around your knee, moulding to its shape using two lightweight well placed straps. A tough outer shell gives your knees protection against sharp objects and uneven surfaces. Its thick foam centre cushions your knee, while its breathable inner fabric allows air to circulate preventing any build up of moisture.

Nylon, EVA Foam, Plastic

Black

Hi-Vis Orange Adjustable

**NEW  
COLOUR**



# Type 1 Strap On Knee Pads





## **KP50** Non-Marking Knee Pad

EN 14404:2004+A1:2010 TYPE 1  
LEVEL 1



Excellent protection and stability on all floor types. The moulded non-marking materials are lightweight and prevent marking and scratching to the work surface. Ergonomic design provides all round protection and comfort with superb grip to avoid sliding. Adjustable straps for secure and flexible fit at all times.

 TPR, EPE Foam, Polyester  
  White  
Adjustable



### *Will Not Mark or Scratch Your Work Surface*

## *Ribbed for Extra Stability*



## **KP10** High Density Knee Pad



It uses high density polyurethane which is strong enough and thick enough to both protect your knee and cushion it at the same time. Its ribbed design gives good stability. It also prevents water absorption making it ideal for working in wet environments.

 Polyurethane  
  Black  
Adjustable



### *Ideal for Wet Environments*

# Type 3 Kneeling Pads

## KP05 Kneeling pad

84  
28



This type 3 kneeling mat is all about convenience. It is one of the most useful and versatile PPE products you will ever own. It is your 'quick fix' knee protection solution for those jobs that simply just won't wait. It is also incredibly useful to have around the workplace or house providing an inexpensive solution for knee protection.

EVA Foam  
 Black One Size  
40 x 18.5 x 2 cm



## KP15 Total Comfort Kneeling Pad

20

The total comfort kneeling pad offers complete protection, comfort and convenience with a cut out handle for easy transport. SBR material yields high abrasion, crack and ageing resistance. A reliable and long lasting solution for any surface environment.

SBR  
 Black One Size  
53 x 36 x 2.5 cm



# Shoulder Pads

Compatible with FR93  
Bizflame Ultra Coverall



## SP01 Shoulder Pads

192  
12



2

Cushioning shoulder pads manufactured from a highly flexible, lightweight neoprene material. Designed to provide added protection and comfort to the wearer's shoulders. Compatible with FR93 Bizflame Ultra Coverall.

Neoprene, EVA Foam  
 Black One Size  
17 x 10 x 1 cm



# SAFETY MATS

Portwest Safety Mats offer a range of safety solutions for your working environment which have both anti-slip and anti-fatigue properties. You will not find a better way of eliminating slip hazards in your work place. The anti-fatigue properties increase productivity and the long term health of people using them.



## DIN 51130

### Testing of floor coverings - Determination of the anti-slip property - Workrooms and fields of activities with slip danger - Walking method - Ramp test.

This standard specifies a method which serves as a suitability test for the determination and classification of anti-slip properties of floor coverings intended to be used in workrooms and work related areas with slip hazards. A test person with test shoes walks forward and backwards in an upright position over the floor covering to be tested, the slope of which is increased from the initial horizontal state to the acceptance angle. The average acceptance angle reached serves to assess the degree of anti-slip. The acceptance angle is determined on floor coverings on which lubricant has been applied.

R-numbers are rated from R9 to R13 within DIN 51130. This is to assess the level of slip resistance. R10 is the rating accepted for anti-slip in a working environment.

R Value	Category static Friction	Angle of Inclination
R9	Low	6° - 10°
R10	Normal	>10° - 19°
R11	Above Average	>19° - 27°
R12	High	>27° - 35°
R13	Very High	>35°

## DIN 4102 B2

### Reaction to fire tests - Ignitability of building products subjected to direct impingement of flame.

For this part of the standard samples are stored in climatic conditions for 14 days and then subjected to a flammability test where they are ignited when hung vertically. The burning distance is not allowed to exceed 150 mm. Any droplets as a result of burning are also recorded.



**Of major injuries** in the food industry are slip and trip injuries.



**Of slips** occur when the floor is wet or contaminated with food product.



**Of trips** are caused by obstructions, the remainder by uneven surfaces.

Source: <http://www.hse.gov.uk/food/slips.htm>



## Product Icons



### Drainage

Holes in the mat allow liquids and debris to pass through giving you improved grip under foot.



### Anti-Slip

Designed to give you extra traction decreasing your chances of slipping.



### Anti-fatigue

Helps to reduce stress on major muscle groups, your lower back and leg joints by reducing the pressure under your feet and stimulating your blood flow.



### Food service

Ideal for bars and kitchens due to their drainage, durability and grease resistance.



### Food processing

Suited to food processing plants. Resistant to greases, animal fats and oils.



### Oil and grease resistant

Suitable for any work area where oil and grease resistance is a priority.



### Cleaning

Suitable to be cleaned with a high pressure power washer.



### Insulation

Protects the user from vibrations, noise, cold and heat.



### Protection

Reduces breakages and protects your floor.

## Single Unit Shown

Weather Proof

Connectable Edges



Surface Drainage

**MT52**

### Anti Fatigue Mat Heavy Duty

DIN 51130:2014-02 R10

4

High quality standard ringmat gives a non slip surface with excellent drainage. Anti fatigue beads located on the underside of the mat ensure comfort for longer durations. Connection edges allow easy extension of size and length when needed. Weather proof hard wearing material suitable for both outdoor and indoor areas.

 **Nitrile, Rubber**

 **Black**  
**620x920x12mm**  
**4.5kg**



R10



**MT50**


### Industrial Anti Fatigue Mat

DIN 51130:2014-02 R10

5

This diamond-plated hard wearing anti fatigue mat provides extraordinary comfort. Thick PVC sponge allows excellent compression whilst the PVC leather surface ensures that the product will last, even under heavy conditions. All edges have a safety bevel and the diamond-plated finish reduces slip and trip accidents in the workplace.

 **PVC Sponge, PVC Leather**

 **Black/Yellow Trim**  
**600x900x10mm**  
**3.4kg**



R10



**MT51**

### Anti Fatigue Mat


DIN 51130:2014-02 R11

DIN 4102 B2

10

Soft PVC sponge mat designed to reduce muscle stress and discomfort while standing on cold, hard and concrete floors for long durations whilst increasing worker productivity and morale. Ribbed surface finish and bevelled edges increase trip resistance.

 **PVC Sponge**

 **Black/Yellow Trim**  
**600x900x9.5mm**  
**1.5Kg**



R11

# LIGHTS RANGE

Offering a versatile selection of lighting and accessories that provide excellent performance for an extensive array of tasks and duties.

- HEAD LIGHTS
- INSPECTION TORCHES
- TORCHES



RoHS - Restriction Of Hazardous Substances  
The 'Restriction of Hazardous Substances' directive is put in place to ensure all components of our electrical products will not endanger the user. All our lights are tested to this standard with compliance.

## Brightness



Brightness is measured in lumens (LM). This icon denotes how many lumens each light can produce allowing you to pick the right light for the right job.

## Run time



Run time means the amount of time you can expect to get from your light from fully powered to empty. This allows you to choose the right ratio of brightness to run time to suit you best.



572

**4 Pack**  
Retail Packed

**PA04** x20  
100

### Universal Head Light Safety Helmet Clips

Securely mounts your head light to a safety helmet to provide a hands free, reliable fit that will prevent your head light from falling and getting damaged. Compatible with all Portwest headlamps.

ABS  
Black



### B029 Beanie LED Head Light USB Rechargeable

144  
12

CE, RoHS



This warm and comfortable acrylic beanie hat features a removable LED front light for superior visibility in low light conditions. The rechargeable LED can be charged in a USB port.



- Brightness: 150 Lumens
- Run time: 4 hours
- Power: USB Charge
- Function: High-Medium-Flash

100% Acrylic, Knit  
Black, Navy, Orange, Yellow One Size



150 LM

4 HRS

### PA63 Portwest Dual Power Head Light

96  
12

CE  
RoHS



This powerful and reliable headlight utilises innovative technology to give you a bright, compact and lightweight headlight.

- Brightness: 100 Lumens
- Run time: 8 hours
- Batteries: Included AAA x 3
- Function: High-Medium-Flash

ABS, Polyester  
Yellow/Black  
One Size

Rubberised coating



Tilt control

100 LM

8 HRS

## PA50 LED Head Light

120  
20  
CE  
RoHS



Head Light with tilt control so you can aim the light where it is needed most. Ideal for keeping your hands free for work. New and improved brightness now with 8 LED's. The ideal utility head light.

- Brightness: 40 Lumens
- Run time 10 Hours
- Batteries Included AAA x 3
- Function High-Medium-Flash

**ABS**  
 **Silver/Black One Size**

**40 LM**

**10 HRS**



## PA64 Portwest Ultra Power Head Light

48  
6  
CE  
RoHS



The Ultra Power Head Light uses cutting edge design and technology to give you excellent performance and reliability.

- Brightness: 500 Lumens
- Run time: 2 hours
- Batteries: Included AA x 4
- Function: High-Medium-Low-Flash-SOS

**Aluminium, ABS, Polyester**  
 **Yellow/Black, One Size**

**500 LM**

**2 HRS**



## PA69 Waterproof Headlight

100  
25  
CE  
RoHS



Versatile lighting solution in any environment with multi-function settings and tilt control. The robust, hands free, waterproof design allows for use up to 25 metres under water.

- Brightness: 180 Lumens
- Run time: 4 hours
- Batteries: Included AAA x 3
- Function: High-Medium-Flash

**ABS, Rubber**  
 **Yellow, One Size**

**180 LM**

**4 HRS**



## LIGHTS RANGE

**IMPACT RESISTANT**  
**WATER RESISTANT**



### PA61 Portwest High Powered Enforcer

CE  
RoHS



- Brightness: 800 Lumens
- Run time: 40 Hours
- Batteries: Included D x 3
- Function: High-Medium-Low-Flash-SOS

Aluminium  
Black One Size  
L31.5cm x D5cm

800 LM

40HRS



### PA67 Taskforce Security Torch

CE  
RoHS



- Brightness: 700 Lumens
- Run time: 30 Hours
- Batteries: Included C x 3
- Function: High-Medium-Low-Flash-SOS

Aluminium  
Black One Size  
L21.5cm x D3cm

700LM

30HRS



### PA54 Portwest Tactical Torch

CE  
RoHS



- Brightness 180 Lumens
- Run time 8 Hours
- Batteries Included AAA x 3
- Function High-Medium-Flash

Aluminium  
Black, One Size  
L13.7cm x D3.5cm

180 LM

8HRS



### PA68 High Powered Pocket Torch

CE  
RoHS



- Brightness: 300 Lumens
- Run time: 4 Hours
- Batteries: Included AA x 1
- Function: High-Medium-Flash

Aluminium  
Black, One Size  
L9cm x D2.5cm

300 LM

4HRS



# Revolutionary Collapsible Design

65 LM

4 HRS

## PA66 Portwest Ultra Inspection Torch

36  
CE  
RoHS

- Brightness: 200/65 Lumens
- Run time: 2/4 hours
- Batteries: Included AAA x 4
- Function: Inspection-Torch

Aluminium  
Red, One Size  
L32.7cm x D4.3cm



## PA65 Portwest Inspection Torch

120  
20  
CE  
RoHS

- Brightness: 150/40 Lumens
- Run time: 4/10 hours
- Batteries: Included AAA x 3
- Function: Inspection-Torch

ABS  
Black One Size  
L16.5cm x D2.6cm



## PA56 24 LED Inspection Torch

60  
30  
CE  
RoHS

- Brightness 70 Lumens
- Run time 10 Hours
- Batteries Included AA x 3

ABS  
Black, One Size  
L21cm x W6cm x H3cm

70 LM

10 HRS



## LIGHTS RANGE



### PA62 19 LED Utility Torch

CE

RoHS



- Brightness: 74 Lumens
- Run time: 8 hours
- Batteries: Included D x 4

ABS

Yellow/Black One Size

L15.6cm x W11.6cm x H18cm

## Water resistant



### PA60 7 LED Rubber Torch

CE

RoHS



- Brightness: 31 Lumens
- Run time: 8 Hours
- Batteries: Included D x 2

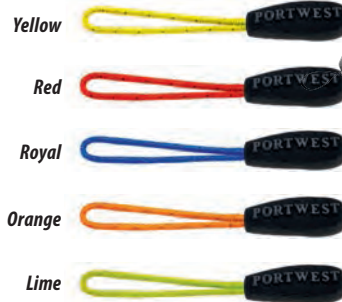
Rubber, ABS

Yellow/Black One Size

L19.5cm x D7.5cm

# ACCESSORIES

This range is designed to bring you the top selling and highest quality PPE accessories looked for in the market place. There is a mix of products that are essential items for various industries, each complying to the relevant European standard where applicable. Each one excels in its own way to bring you value and quality ensuring customer satisfaction.



### T900 Replaceable Zip Pullers

x20

100

Thermoplastic Rubber, Polypropylene

Lime, Orange, Red, Royal, Yellow



### HV09 LED Zip Pullers

RoHS

200

20

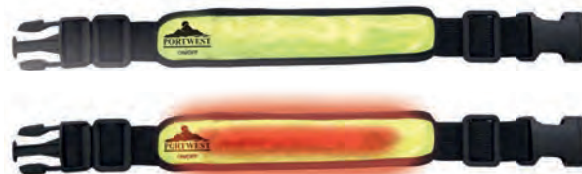
2

ABS

Hi-Vis Yellow



Off/On



Off/On

### HV05 Illuminated Flashing Armband

CE, RoHS, EN 13356

600

25



This adjustable arm band with reflective panel is small and lightweight. It offers convenient protection to its wearer. Panel lights up with the touch of a button and emits a bright glow for added visibility. Full light and pulse settings. Battery life of 80 hours. CR2032 battery, 3V.

ABS, LED, TPU, 35g

Hi-Vis Yellow, Silver One Size



**HV03 Reflective Slap Wrap Band 38 x 3cm**

EN 13356, CE  
 x18  
 50 Engineered with safety at the forefront. Highly reflective material that provides instant visibility in dark and low light conditions.

- CE
- Reflective Vinyl
- Silver One Size



**HV04 Reflective Slap Wrap Band 41 x 4cm**

EN 13356, CE  
 x18  
 50 Quick snap technology allows easy application of this highly reflective band to your arm, wrist, clothing and other accessories. Perfect for ensuring visibility and safety.

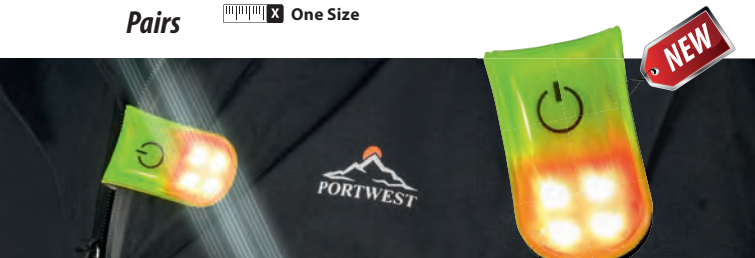
- CE
- Reflective Vinyl
- Yellow One Size



**HV08 Illuminated LED Shoe Clip**

RoHS  
 180  
 30 Ergonomic design to fit securely with ease onto any footwear style. The ergonomic, lightweight design is suitable for any work environment. Multi-functional steady on and flash settings, to ensure visibility and safety.

- Sold in Pairs**
- PP
  - One Size



**HV07 Attachable Magnetic LED**

EN 13356, CE, RoHS  
 200  
 20 Superior lightweight magnetic LED clip can be applied to any garment securely to ensure visibility. The reflective material and bright LED's has two functions, steady on and flash. Perfect for work or leisure activities in dark conditions.

- CE
- Reflective Vinyl
- Yellow One Size

# Back Support



**PW80 Support Belt**

48  
 12 This high performance 8" wide belt design offers full support to the wearer. It reinforces the spine, supports the abdomen and lower back. The belt can be adjusted for added comfort and is suitable to be worn under or over clothing. Four heavy-duty bonding strips with reinforced elastic gives a greater fit.

- 38% Latex, 62% Polyester
- Black S-XL



Detachable Braces

**PW81 Hi-Vis Support Belt**

48  
 12 This Hi-Vis Support Belt gives you great visibility in your work place while also offering your back the same high performance support of our standard support belt.

- 38% Latex, 62% Polyester
- Hi-Vis Green S-XL

## ACCESSORIES RANGE



### BT10 Barricade/Warning Tape

18

100%

Non adhesive barricade tape for use in cordoning off areas in industry, construction, events and temporally restricted areas or operations. Strong durable quality with excellent tear strength.

Virgin PE  
Black/Yellow, Red/White  
500m x 75mm x  
30 microns



### HV10 Folding Warning Triangle

ECE R27

20

CE

High quality, compact, folding, warning triangle made from tough ABS plastic. The space saving foldable design makes this ideal for storing in a vehicle, now a legal requirement in many countries. Suitable for use following accidents or breakdowns.

ABS  
Orange

### BT05 Packaging Tape

120  
12

100%

Adhesive packaging tape, ideal for general purpose use. Low noise adhesive that provides a strong, secure and long lasting seal.

BOPP  
Brown  
66m x 50mm x  
50 microns



120dB

### PA99 Slimline 120dB Safety Whistle

x60  
20

This slimline 120db safety whistle is lightweight and portable. It has the ability to signal for help from vast distances with its ear-piercing sound.

Plastic  
Orange  
57mm x 23mm



### BT20 Packaging Tape Dispenser

54  
9

Durable packing tape dispenser, designed for easy and comfortable use. This time saving dispenser helps seal boxes with minimum effort and maximum efficiency.

PP  
Blue



Tape Sold Separately



**HV20** Wet Floor Warning Sign



Trip, slip, hazard and wet floor warning sign. Double side printed. Visual display of wet floor symbol.

- English

Heavy-Duty Polypropylene  
 Yellow  
 61x30cm



Multilingual



**HV21** Euro Wet Floor Warning Sign



Multi language wet floor warning sign to reduce the risk of hazardous falls. Foldable design which is compact and easy to store.

- English
- French
- German
- Polish

Heavy-Duty Polypropylene  
 Yellow, 61x30cm



Multilingual



**HV22** Euro Cleaning In Progress Sign



Essential safety accessory in public areas when cleaning is in progress. Printed both sides with multi language design for increased safety.

- English
- French
- German
- Polish

Heavy-Duty Polypropylene  
 Yellow 61x30cm



100N Buoyancy



Life Jacket 100N

Life Jacket with safety colour and reflectors. Should normally be able to turn a person into back position. People who are not able to swim should always use a life jacket. Sheltered waters.

EN ISO 12402-4

This standard specifies the requirements for performance and design and the test procedures of foam life jackets with 100 Newton (N) buoyancy in adult sizes.

**LJ20** 100N Buoyancy Vest  
 EN ISO 12402-4



100N buoyancy aid for swimmers, recreation and working environments. Comfortable design allows freedom of movement while still providing buoyancy. Features include signal whistle, integrated leg strap, padded collar for added support to head and robust zipper with neck cords at hem.

Nylon, PE, Foam  
 Orange M/60-70kg, L/70-90kg, XL/90+kg



# First Aid

## BS 8599 1: 2011

### Workplace first aid kits. Specification for the contents of workplace first aid kits

This part of BS 8599-1 specifies requirements for the compilation of first aid components in small, medium, large or travel first aid kits for use in a workplace environment. Requirements are also given for the container holding the components.

### First Aid Workplace Kit Contents

Content List	Small FA10	Medium FA11	Large FA12
Guidance leaflet	1	1	1
Contents List	1	1	1
Medium sterile dressing: 2m x 7.5cm, absorbent pad 12cm x 12cm	4	6	8
Large sterile dressing: 2m x 10cm, absorbent pad 18cm x 18cm	1	2	2
Triangular bandage: 90cm x 90cm x 127cm	2	3	4
Safety pins: length 2.5cm	6	12	24
Eye pad sterile dressing: looped bandage 1m x 5cm, oval pad 7.5cm x 5cm	2	3	4
Sterile Adhesive Dressings - Assorted	40	60	100
Alcohol free moist cleansing wipes: 11 x 7.5cm	20	30	40
Adhesive tape: 5m x 2.5cm	1	1	1
Nitrile disposable gloves: EN 455 size large (Pair)	6	9	12
Finger sterile dressing: 44 x 4cm, absorbent pad 4 x 4cm	2	3	4
Resuscitation face shield with valve*	1	1	2
Foil blanket: 140 x 210cm	1	2	3
Burn dressing: water-based gel soaked dressing 10 x 10cm**	1	2	2
Scissors	1	1	1
Conforming bandage: 4.5m x 7.5cm	1	2	2
Wall mountable bracket	1	1	1

## Workplace Kits



### FA10 Workplace First Aid Kit 25 BS 8599 1



This BS compliant first aid kit is ideal for small or low risk workplaces such as offices or shops. Complete with wall bracket, the kit contains all the necessary items needed to carry out basic first aid including sterile plasters, dressings, bandages and much more.

Green



### FA11 Workplace First Aid Kit 25+ BS 8599 1



This first aid kit is designed for medium risk workplaces such as offices, warehouses or factories. Contained in a handy robust green box with carrying handle and wall bracket, the dressings are all individually wrapped and sterile.

Green



### FA12 Workplace First Aid Kit 100 BS 8599 1



This kit is ideal for workplace environments with a larger number of employees. The contents are up to date in accordance with the latest standard and allow employers to demonstrate and comply with safety and legal obligations.

Green

## BS 8599 2: 2014

### First aid kits. Specification for the contents of motor vehicle first aid kits.

This part of BS 8599-2 specifies requirements for the compilation of first aid components in three sizes first aid kits (Size 0, Size 1, Size 2) for use in motor vehicles. Requirements are also given for the container holding the components.

#### Vehicle Kits

Number of Passengers	Vehicle examples	Vehicle First Aid Kit Size Guide
<b>1-3</b>	Mopeds, motorcycles, motor tricycles and quadricycles	1 x small - FA21
<b>1-8</b>	Cars, taxis, commercial vehicles	1 x medium - FA22
<b>1-16</b>	Minibuses, small buses	1 x large - FA23
<b>17+</b>	Buses, coaches	2 x large* - FA23

\*multi-level vehicles may require more than two kits

#### First Aid Vehicle Kit Contents

Content List	Small FA21	Medium FA22	Large FA23
First Aid Guidance Leaflet	1	1	1
Contents List	1	1	1
Trauma Dressing – large: 15 x 18cm	-	-	1
Trauma Dressing – medium: 10 x 18 cm	1	1	2
Medium sterile dressing: 2m x 7.5cm, absorbent pad 12cm x 12cm	-	1	2
Triangular bandage: 90cm x 90cm x 127cm	-	1	2
Alcohol free moist cleansing wipes: 11 x 7.5cm	5	10	20
Sterile Adhesive Dressings - Assorted	5	10	20
Nitrile disposable gloves: EN 455 size large (Pair)	1	2	5
Resuscitation face shield with valve*	1	1	3
Foil blanket: 140 x 210cm	-	1	3
Adhesive Wound Dressing: 7.5 x 7.5cm	-	1	2
Burn dressing: water-based gel soaked dressing 10 x 10cm**	1	2	4
Scissors	1	1	1

\*The shield is used to protect a first-aider from infection from a casualty during mouth to mouth resuscitation.

\*\*A burn dressing cools the burn injury without any pre-cooling with water or any other medium. The dressing does not dry out within one hour of application.

## Vehicle Kits



### FA21 Vehicle Kit 2 BS 8599 2



This kit is supplied in a compact soft, zip up case which is suitable for packing away into small spaces.

X Green



### FA22 Vehicle Kit 8 BS 8599 2



This travel kit provides your first aid essentials. It is designed to treat and manage most minor injuries.

X Green



### FA23 Vehicle Kit 16 BS 8599 2



This kit is supplied in a clearly identifiable package that is always at hand for emergencies. Packed with essential first aid items that are likely to be needed quickly.



X Green




# LUGGAGE AND TOOL STORAGE

A comprehensive collection of versatile luggage pieces, suitable for travelling or general everyday use. Robustly constructed with strong materials and tough components. Reliability and durability guarantee 100% customer satisfaction.








## B904 Quick Release Hi-Vis Rucksack

 The B904 features fabric and reflective tape that meets the requirements of EN ISO 20471. The innovative quick release anti-entanglement system is designed as a protection device when working in hazardous conditions.  Features include a secure, weatherproof MP3/CD and mobile phone outlet as well as padded straps and back panel for wearer comfort.

 100% Polyester 600D Fabric  
 210T PA Coated Fabric  
 Orange,  
 Capacity 25 Litres  
 L28cm x W21cm x H43cm


## B905 Hi-Vis Rucksack

 Ideal for workers, cyclists or school children who use highly reflective accessories to make them more visible to motorists. Comes complete with an integrated MP3/mobile phone pocket, multiple pockets and padded back panel for comfort. The fabric and reflective tape meets the requirements of EN ISO 20471. 

 100% Polyester 600D Fabric  
 210T PA Coated Fabric  
 Orange, Yellow  
 Capacity 25 Litres  
 L28cm x W21cm x H43cm



## B910 Waterproof Hold All 70L

 This waterproof PVC kit bag is designed to meet the most enduring work and weather conditions keeping your essential tools and accessories safe and dry. An inner separate mesh compartment provides additional storage and quick access to essential travel and work documents.

 100% Polyester 45C/600D PVC Fabric.  
 Black  
 Capacity 70 Litres  
 L57cm x W34cm x H34cm





### TB02 Open Tool Bag

**12** Soft shell open tool bag with collapsible sides and removable PVC base. Provides easy access for all contents. Incorporates a strengthened bar with cushion grip for ease of mobility. Features 4 open pouches, 1 covered pocket, 1 D-ring, 6 outer attachment loops and 14 inner attachment loops.

**100% Polyester 600D Fabric**  
**Black/Grey**  
**L38cm x W20cm x H25cm**

**35 LITRES**



### B916 Triple Pocket Backpack

**24** The ideal backpack for day-to-day use. Durable 1680D polyester construction keeps your equipment safe and secure. Features three main zipped compartments, a padded laptop sleeve and adjustable comfort shoulder straps.

**100% Polyester 1680D Fabric**  
**Polyester 210D Fabric**  
**Black**  
**Capacity 35 Litres**  
**35cm x 22cm x 50cm**



### TB10 Tradesman Tool Belt

**24** Designed using a highly durable rugged polyester which is reinforced with a waterproof membrane. The tool belt features 19 pockets, sleeves and holders for optimum organisation and easy access. Includes a padded nylon belt, utility knife pocket and hammer loop. High quality tool belt, ideal for carpenters and trade workers.

**100% Polyester 1680D, 100% Nylon Mesh**  
**Navy, Adjustable - fits waist sizes 32"-48"**

**60 LITRES**

### B912 Waterproo Dry Bag 60L

**24** Delivering a robust defence against water and the elements, this tough and durable bag is reliable in any work condition. The simple roll closure system combined with the PVC Tarpaulin material acts as a barrier to water, dust and dirt from any direction keeping contents safe and clean.

**100% Tarpaulin, 500D PVC Coating**  
**Blue, Orange, Yellow**  
**Capacity 60L**  
**L93cm X W31.5cm x H31.5cm**  
**Weight: 630g/m squared**





Robust base panel

Top and side carry handles



Robust base panel



ID card holder

Padded double straps

Robust base panel

Adjustable straps

Multiple side zip compartments





### B900 Holdall bag



Ideal for carrying tools or for use as a travel bag, these practical stylish bags have multiple functions. Both bags have an ID holder, two zipped compartments and an adjustable shoulder strap.

**65**  
LITRES



-  100% Polyester, PVC Coated 485g
-  **X** Black, Navy Capacity 65 Litres L68cm x W25cm x H39cm

### B903 Travel Bag



The 35 Litre Holdall Bag is extremely popular and suitable for almost any task. Its features include top and side handles, an adjustable shoulder strap, two zipped compartments and an ID card holder.

**35**  
LITRES


-  100% Polyester, PVC Coated
-  **X** Navy Capacity 35 Litres L48cm x W23cm x H32cm

### B901 The Holdall Kitbag



Constructed from a highly durable 600D polyester fabric, this bag is practically designed and versatile, with a side zip pocket suitable for storing boots or a helmet.

**50**  
LITRES

-  100% Polyester 600D Fabric
-  190T PA Coated Fabric
-  **X** Black/Red Capacity 50 Litres L52cm x W34cm x H28cm

**100  
LITRES**



### **B907** The Multi-Pocket Trolley Bag

6

A practical and hardwearing bag, innovatively designed to provide a variety of uses, whilst maintaining ease of transport.

- 100% Polyester 600D Fabric
- 190T PA Coated Fabric
- Black/Red
- Capacity 100 Litres
- L60cm x W40cm x H42cm



**100  
LITRES**



### **B909** Travel Trolley Bag

4

Aesthetic styling and functional design make this travel trolley bag a must have item. Internally the bag is split into 3 sections with hook and loop strip dividers, making it ideal for separating your items.

- 100% Polyester 600D Fabric
- 210T PA Coated Fabric
- Black
- Capacity 100 Litres
- L76cm x W37cm x H36cm



**70  
LITRES**



### **B908** Multi-Pocket Travel Bag

8

A compact design with spacious interior, the Multi-Pocket Travel Bag offers a generous packing solution combined with a high degree of versatility.

- 100% Polyester 600D Fabric
- 190T PA Coated Fabric
- Black/Red
- Capacity 70 Litres
- L73cm x W33cm x H29cm



# Merchandising



## CUSTOMISE YOUR OWN STAND

**Z600** **A**

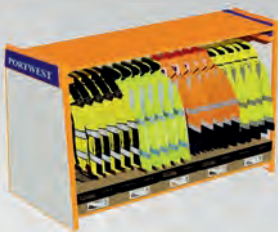
Starter wall bay  
W1.2m x H2.4m



**A** A - Denotes a fixture that is compatible with the Z600 wall bay

**B** B - Denotes a fixture that is compatible with the Z601 Free Standing Unit

**A+B** A+B - Means the fixture can be used with either the Z600 or the Z601



**Z601** **B**

Large freestanding floor stand  
L1.5m x W.5m x H1.4m



**Z636**  
Large shelf  
L120cm x W38cm



**Z610**  
Stepped out hanging rail  
50cm  
L50cm x W25cm



**Z611**  
Shallow RSB 50cm



**Z612**  
Shallow RSB 1.2m



**Z613**  
Stepped out hanging rail  
1.2m



**Z620**  
Forward Hanging Arm  
L22cm



**Z621**  
Forward Hanging Arm  
L35cm



**Z630**  
Hook 20cm



**Z635**  
Shoe Shelf



**Z622**  
Stepped Arm





**Z586**  
Pull Up Banners



- Z586NCRB003 - 300D Industry High Visibility
- Z586NCRB005 - Sealtex
- Z586NCRB006 - Solar
- Z586NCRB010 - Iona
- Z586NCRB002 - Bizflame
- Z586NCRB001 - Biztex
- Z586NCRB007 - Footwear
- Z586NCRB008 - PW3
- Z586NCRB011 - Peakview
- Z586NCRB012 - PW Nano 6000
- Z586NCRB013 - Glowtex
- Z586NCRB014 - PWR

**Z551**

Sitting Mannequin-  
150cm Tall



**Z550**

Standing  
Mannequin-  
190cm Tall



**Z541** Portwest Large Bin



**Z533**

Glove/PPE  
Display  
Stand  
170cm high  
x 70cm  
length x  
40cm width



**Z587**

Portwest Mat  
Size: 202cm Length x  
99cm wide



**Z583**

Large PVC Banner  
Size: 250cm wide x  
100cm high



**Z531**

Counter Top Stand  
28cm high x 50cm wide  
x 25cm deep



**Z529**

Spectacle Display Stand  
18cm length x 15cm  
width x 45cm height



**Z530**

Footwear  
Column  
185cm  
high x  
45cm wide  
x 40cm  
deep



**Z534**

Helmet  
Stand  
55cm x  
55cm x  
218cm



**Z465**

Portwest Foot Stool



**Z456**

Portwest Wooden Jacket  
Hanger



**Z457**

Portwest Wooden  
Trousler Hanger



**Z580**

Portwest Paper  
Bag



# Colour Guide

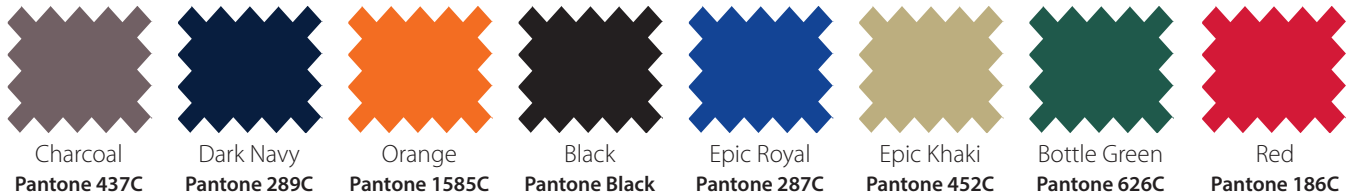
## Kingsmill | Master Shades



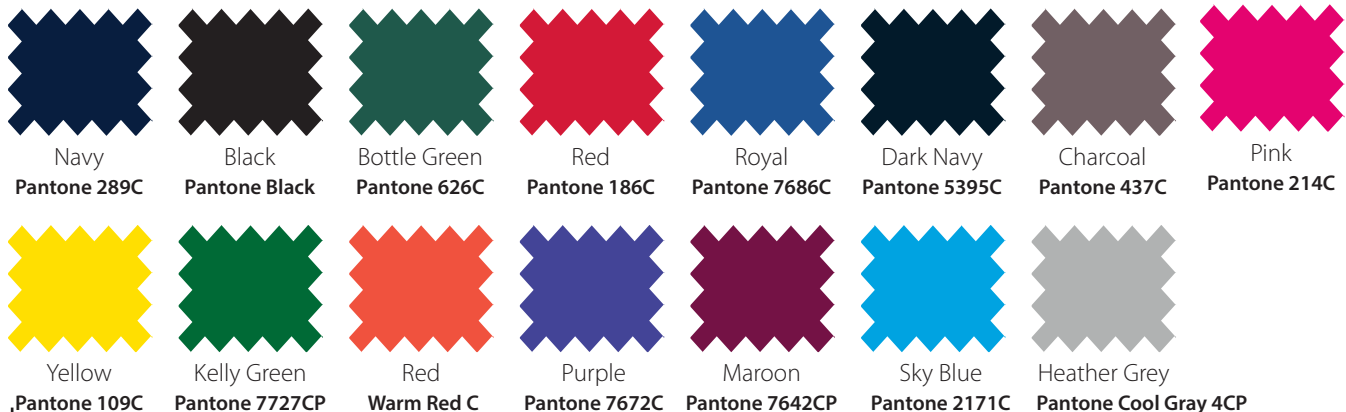
## 100% Cotton Workwear | Master Shades



## Portwest Texo | Master Shades



## Leisurewear | Master Shades



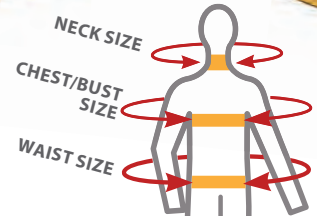
# Size conversions

These size charts show body measurements and should be used as a guide when choosing the correct size. For example a person with a chest circumference of 108cm - 112cm would take a size L when choosing a jacket or coverall.



## Men's Neck

	S	M	L	XL	XXL	3XL	4XL
Metric (cm)	37	38	39	41	42	43	44
Imperial (inches)	14.5	15	15.5	16	16.5	17	17.5



Measure as indicated on the figure to find your size



## Men's Waist

	XS	S	M	L	XL	XXL	3XL	4XL	5XL
Metric (cm)	68 72	76 80	84 88	92 96	100 104	108 112	116 120	124 128	132 136 140
Imperial (inches)	26 28	30 32	33 34	36 38	40 41	42 44	46 47	48 50	52 54 56
Euro - DE, NL, BE	42 44	46 48	50	52 54	56	58 60	62	64/66	68 70 72 74
Euro - FR, ES, PT	34 36	38 40	42 44	46 48	50 52	54 56	58	60/62	64 66 68 70



## Men's Chest

	XXS	XS	S	M	L	XL	XXL	3XL	4XL	5XL	6XL	7XL	8XL
Metric (cm)	72 76	80 84 88	92 96	100 104	108 112	116 120 124	128 132	136 140	144 148	152 156 160	164 168 172	176 180 184	188 192 196
Imperial (inches)	28 30	32 33 34	36 38	40 41	42 44	46 47 48	50 52	54 55	56 58	60 62 64	65 66 67	69 71 73	74 76 77
Euro	36 38	40 42 44	46 48	50 52	54 56	58 60 62	64 66	68 70	72 74	76 78 80	82 84 86	88 90 92	94 96 98
Leisurewear	XS	S	M	L	XL	XXL	3XL						



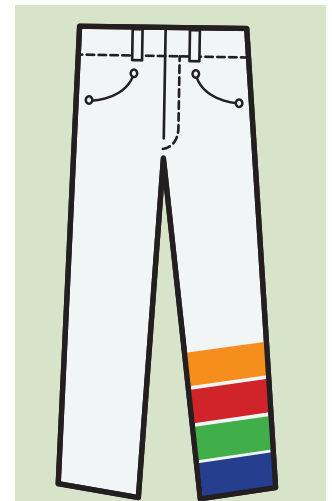
## Ladies' Bust

	XS	S	M	L	XL	XXL	3XL	4XL
Metric (cm)	72 76 80	84 88	92 96	100 104	108 112	116 120	124 128	132 136
Imperial (inches)	28 30 32	33 34	36 38	40	42 44	46 47	48 50	52 54
Euro - DE, BE, NL, NO, SV, DK	32 34 36	38	40 42	44	46 48	50	52 54	56 58
Euro - FR, ES, PT	34 36 36/38	40	42 44	46/48	48 50	52	54 56	58 60
Italy - IT	36 38 40	42	44 46	46	50 52	54	56 58	60 62
UK		8 10	12 14	16	18 20	22 24	26	28 30
Leisurewear	XS	S	M	L	XL	2XL	3XL	4XL



## Ladies' Waist

	XS	S	M	L	XL	XXL	3XL	4XL
Metric (cm)	60 64	68 72	76 80	84 88	92 96	100 104 108	112 116	120 124 128
Imperial (inches)	22 24	26 28	30 32	33 34	36 38	40 41 42	44 46	47 48 50
Euro - DE, BE, NL, NO, SV, DK	32/34 36	38 40	42	44 46	48 50	52 54	56 58	60 62 64
Euro - FR, ES, PT	34/36 38	40 42	44	46 48	50 52	54 56	58 60	62 64 66
Italy - IT	36/38 40	42 44	46	48 50	52 54	56 58	60 62	64 66 68
UK	6	8 10	12 14	16	18 20	22	24	26 28



## Leg Length

- 29" - 74cm • Short
- 31" - 79cm • Reg
- 33" - 84cm • Tall
- 36" - 92cm • X-Tall

Note: Garment sizes vary depending on the style.

## Footwear Size Chart

It is recommended to have your foot measured when purchasing footwear as there is no exact standard for converting shoe sizes.

UK Ladies Size	1	2	3	4	5	6	6.5	7	8	9									
US Ladies Size			5	6	7	8	8.5	9	10	11									
Euro Size	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52
UK Mens Size	1	2	3	4	5	6	6.5	7	8	9	10	10.5	11	12	13	14	15	16	17
US Mens Size					6	7	7.5	8	9	10	11	11.5	12	13	14	15	16	17	18

## Gloves


XXS	XS	S	M	L	XL	XXL	3XL
5	6	7	8	9	10	11	12

All styles marked green are new styles

		2085	242			A196	467			A600	446			AF91	137			B300	350			C376	110			C833	268			EP06	554			FC12	397			FP14	508			FR20	149
		2201	274			A197	466			A610	446			AM10	192			B302	351			C387	237			C834	268			EP08	554			FC14	404			FP15	507			FR21	159
		2202	274			A198	466			A620	441			AM11	192			B303	98			C394	105			C836	266			EP15	555			FC21	405			FP18	507			FR25	164
		2203	275			A199	467			A621	444			AM12	193			B304	99			C405	112			C837	283			EP16	555			FC41	404			FP19	506			FR26	165
		2204	275			A200	478			A622	441			AM13	193			B305	99			C465	63			C851	246			EP18	555			FC44	404			FP20	510			FR27	165
		2205	287			A210	479			A625	445			AM14	193			B306	98			C466	64			C852	246			EP20	554			FC52	371			FP21	510			FR28	158
		2206	274			A220	479			A630	445			AM15	192			B307	257			C467	62			C859	244			EP21	554			FC53	371			FP22	510			FR30	148
		2207	275			A225	478			A635	446			AM20	190			B308	98			C468	65			C865	247			EP30	554			FC54	366			FP23	510			FR31	144
		2208	275			A230	480			A640	445			AM21	191			B309	350			C470	111			C875	243			F171	110			FC55	366			FP25	511			FR35	168
		2209	275			A240	480			A641	440			AM22	191			B310	354			C471	113			C876	243			F180	337			FC57	369			FP26	511			FR36	168
		2802	248			A245	438			A643	440			AM23	191			B315	38			C472	111			C881	254			F205	335			FC60	370			FP27	513			FR37	169
		2852	247			A250	476			A645	440			AM24	191			B900	584			C473	113			C887	237			F280	335			FC61	370			FP28	513			FR38	169
		2860	242			A251	476			A655	447			AP01	451			B901	584			C474	112			C890	249			F282	282			FC63	373			FP29	513			FR41	181
		2885	242			A260	477			A665	443			AP02	427			B903	584			C475	112			CH10	259			F285	332			FC64	373			FP30	513			FR43	181
		A001	433			A270	477			A688	443			AP30	461			B904	582			C476	109			CH11	259			F300	95			FC65	372			FP34	514			FR46	180
		A002	433			A271	477			A689	447			AP31	443			B905	582			C481	111			CH12	258			F301	95			FC66	373			FP35	513			FR47	180
		A003	547			A280	439			A690	447			AP32	442			B907	585			C484	112			CR10	245			F330	333			FC67	372			FP36	513			FR50	157
		A020	472			A290	431			A691	447			AP50	442			B908	585			C485	116			CR12	245			F400	336			FC84	416			FP39	513			FR51	277
		A050	472			A300	455			A700	432			AP52	442			B909	585			C494	110			CS10	347			F401	334			FC86	416			FP40	512			FR52	161
		A080	472			A301	455			A710	432			AP60	465			B910	582			C496	110			CS11	347			F414	338			FC87	416			FP41	512			FR53	161
		A100	449			A302	455			A720	430			AP62	427			B912	583			C497	112			CS12	346			F433	337			FC88	416			FP44	514			FR55	162
		A105	449			A310	456			A721	430			AP70	452			B916	583			C565	83			CS20	349			F440	304			FC89	416			FP45	514			FR56	163
		A109	449			A315	458			A722	428			AP80	451			BIZ1	172			C600	273			CS21	349			F441	304			FC90	416			FP48	512			FR57	163
		A110	473			A319	456			A723	428			AP90	463			BIZ2	174			C676	267			CV01	263			F450	298			FC93	417			FP49	514			FR58	160
		A111	473			A320	458			A724	429			AP91	444			BIZ4	177			C701	240			CV02	263			F465	315			FC94	417			FP50	511			FR59	160
		A112	474			A325	457			A725	429			AS10	261			BIZ5	173			C703	241			CV03	262			F474	114			FC95	417			FP51	511			FR60	154
		A113	475			A330	455			A726	429			AS11	261			BIZ6	177			C711	238			CV04	262			F476	114			FC96	417			FP52	511			FR61	152
		A114	474			A340	450			A730	433			AS20	260			BIZ7	171			C720	203			CW10	226			F477	257			FC97	417			FP60	515			FR62	153
		A115	439			A350	459			A735	433			AS21	260			BT05	578			C721	238			CW11	227			F500	332			FD01	363			FP61	515			FR63	155
		A116	439			A351	459			A740	432			B010	349			BT10	578			C730	269			CW12	227			F813	256			FD02	363			FP62	515			FR70	151
		A120	469			A352	460			A750	438			B013	349			BT20	578			C733	269			D100	487			FA10</													



FT13	394	FW43	403	H440	76	KP05	569	MV26	138	P970	521	PS34	531	PW43	552	RT46	92	S365	34	S483	326
FT15	375	FW44	403	H441	76	KP10	568	MV27	139	P971	519	PS40	553	PW45	551	RT47	92	S375	108	S484	326
FT25	375	FW45	408	H442	77	KP15	569	MV28	139	P976	518	PS41	552	PW47	551	RT48	93	S376	108	S485	68
FT50	375	FW46	385	H443	75	KP20	567	MV29	141	PA01	527	PS42	551	PW48	553	RT49	92	S378	104	S486	70
FT63	377	FW47	385	H444	75	KP30	567	MV35	140	PA02	527	PS47	551	PW49	552	RT50	79	S388	49	S487	51
FT64	377	FW48	383	H445	77	KP40	567	MV36	140	PA04	572	PS48	553	PW50	545	RT51	81	S410	339	S488	49
FW01	377	FW49	291	HA10	349	KP44	566	MV91	141	PA10	547	PS49	552	PW51	544	RT60	50	S412	340	S489	68
FW02	380	FW51	400	HA13	348	KP50	568	MX28	142	PA30	527	PS50	545	PW53	546	RT61	48	S413	340	S490	80
FW03	402	FW57	368	HA14	349	KP55	566	P005	525	PA31	527	PS51	545	PW54	542	RT62	50	S414	338	S491	78
FW04	403	FW58	412	HB10	117	KS10	204	P100	525	PA45	546	PS52	544	PW55	542	RT63	51	S415	339	S493	81
FW05	397	FW59	376	HB11	117	KS12	205	P101	525	PA46	546	PS53	544	PW56	546	S068	271	S418	341	S495	81
FW06	396	FW60	380	HF50	117	KS13	205	P102	525	PA48	546	PS54	542	PW57	545	S101	355	S424	97	S496	79
FW07	390	FW61	380	HV03	577	KS14	202	P108	525	PA49	546	PS55	542	PW58	538	S102	355	S425	96	S498	80
FW08	399	FW63	378	HV04	577	KS15	202	P153	525	PA50	573	PS58	538	PW59	549	S103	355	S426	46	S503	317
FW09	399	FW64	378	HV05	576	KS18	201	P200	524	PA51	546	PS59	548	PW60	536	S104	355	S427	44	S505	317
FW10	398	FW65	393	HV07	577	KS31	351	P201	524	PA52	546	PS90	537	PW61	536	S107	355	S428	97	S507	316
FW11	402	FW66	368	HV08	577	KS32	351	P203	524	PA54	574	PS91	537	PW65	536	S108	355	S429	38	S521	309
FW12	395	FW67	413	HV09	576	KS40	328	P209	524	PA55	546	PV50	541	PW66	536	S117	355	S430	307	S523	308
FW13	395	FW68	413	HV10	578	KS41	334	P220	524	PA56	575	PV54	541	PW68	536	S118	355	S431	322	S530	318
FW14	398	FW69	376	HV20	579	KS51	228	P223	524	PA58	547	PV60	541	PW69	549	S156	566	S433	325	S532	314
FW15	400	FW71	409	HV21	579	KS54	229	P250	524	PA60	576	PV64	541	PW79	549	S160	72	S434	324	S533	309
FW16	388	FW74	409	HV22	579	KS55	228	P251	524	PA61	574	PW10	533	PW80	577	S161	73	S435	323	S534	312
FW17	388	FW75	409	HV50	117	KS56	229	P271	524	PA62	576	PW11	528	PW81	577	S162	74	S437	310	S535	312
FW18	411	FW80	382	HV55	117	KS60	32	P291	524	PA63	572	PW13	529	PW89	549	S166	73	S438	305	S536	318
FW19	410	FW81	382	HV56	117	KS61	33	P301	523	PA64	573	PW14	530	PW90	538	S170	104	S440	302	S538	311
FW20	410	FW82	383	ID10	547	KS62	33	P303	523	PA65	575	PW15	533	PW91	538	S171	101	S441	303	S540	340
FW21	399	FW83	384	ID11	547	KS63	32	P304	523	PA66	575	PW17	531	PW92	538	S172	105	S450	296	S543	331
FW22	390	FW84	408	ID12	547	L440	306	P309	523	PA67	574	PW18	528	PW93	538	S173	105	S451	297	S544	331
FW23	401	FW85	391	ID13	547	L470	107	P351	523	PA68	574	PW20	535	PW94	538	S174	101	S452	299	S545	280
FW24	401	FW86	391	ID20	117	L474	106	P371	523	PA69	573	PW21	535	PW96	538	S177	101	S453	298	S553	294
FW25	400	FW87	391	ID30	117	L476	107	P391	523	PA91	547	PW22	535	PW97	544	S178	103	S460	56	S555	295
FW26	392	FW88	384	IW10	556	LJ20	579	P410	521	PA99	578	PW23	534	PW98	543	S190	104	S461	48	S560	321
FW27	411	FW90	412	IW30	556	LW12	285	P420	520	PC55	543	PW24	534	PW99	538	S191	103	S462	36	S561	320
FW28	392	FW94	407	IW40	556	LW13	285	P430	520	PG54	543	PW25	534	R460	57	S231	239	S463	66	S562	319
FW29	396	FW95	407	IW50	556	LW15	286	P500	519	PJ10	233	PW26	534	RT20	115	S232	239	S464	65	S563	321
FW30	381	G412	231	JN11	305	LW16	286	P516	518	PJ20	232	PW30	532	RT22	100	S250	301	S466	59	S570	313
FW31	381	G456	61	JN12	305	LW20	284	P900	521	PJ50	88	PW31	529	RT23	104	S251	301	S467	58	S571	280
FW32	381	G465	60	JN14	115	LW30	289	P902	519	PJ52	89	PW32	532	RT26	115	S266	67	S468	54	S573	310
FW33	378	G470	61	JN15	115	LW56	287	P906	518	PS01	530	PW33	532	RT27	45	S267	69	S469	69	S578	105
FW34	379	G475	61	KN09	565	LW63	287	P920	521	PS04	530	PW34	531	RT30	56	S271	102	S471	55	S579	103
FW35	389	G476	61	KN10	564	LW70	278	P921	519	PS05	530	PW35	529	RT31	71	S277	102	S475	113	S585	345
FW36	374	G912	231	KN18	565	LW71	279	P926	518	PS11	528	PW36	531	RT32	67	S278	103	S476	109	S590	41
FW37	374	GL10	348	KN20	564	LW72	279	P940	521	PS12	528	PW37	531	RT34	48	S279	102	S477	100	S591	42
FW38	290	GL11	348	KN30	565	LW97	289	P941	519	PS16	529	PW38	533	RT40	94	S350	300	S478	104	S592	43
FW39	290	GL12	348	KN40	564	MT50	571	P946	518	PS21	535	PW39	533	RT42	90	S351	300	S479	101	S597	43
FW40	411	GL13	348	KN90	565	MT51	571	P950	521	PS30	533	PW40	553	RT43	90	S360	278	S480	70	S665	333
FW41	291	GL14	348	KN91	565	MT52	571	P952	519	PS32	532	PW41	552	RT44	94	S363	37	S481	327	S686	71
FW42	376	GL16	348	KN93	565	MV25	138	P956	518	PS33	532	PW42	551	RT45	93	S364	35	S482	327	S687	288

							
S710	244	S916	256	ST70	499	TX50	86
S760	47	S917	257	ST80	494	TX51	86
S766	52	S918	257	ST85	495	TX52	87
S768	53	S932	205	SW10	179	TX55	87
S769	47	S934	205	SW20	179	TX60	216
S770	187	S987	241	SW32	179	TX61	217
S771	187	S998	255	SW33	179	TX62	217
S772	188	S999	250	T180	27	TX70	85
S773	182	SK08	415	T181	27	TX71	85
S774	183	SK10	415	T400	23	TX72	84
S775	186	SK11	415	T402	25	VA120	469
S776	185	SK12	414	T500	26	VA198	466
S778	183	SK13	415	T501	26	VA199	467
S779	182	SK18	414	T601	29	VA310	456
S780	184	SK20	414	T602	31	VA350	459
S781	184	SK33	415	T603	29	VA620	441
S782	185	SM10	561	T620	31	VA622	441
S783	188	SM15	561	T900	576	Z456	587
S787	236	SM20	561	TB02	583	Z457	587
S790	240	SM30	561	TB10	583	Z465	587
S791	230	SM31	560	TK40	330	Z529	587
S794	273	SM33	560	TK41	281	Z530	587
S795	273	SM40	563	TK50	328	Z531	587
S796	273	SM45	563	TK51	338	Z533	587
S810	230	SM50	563	TK52	329	Z534	587
S816	251	SM60	563	TK53	330	Z541	587
S817	231	SM61	562	TK54	329	Z550	587
S827	231	SM63	562	TX10	206	Z551	587
S837	272	SM70	559	TX11	207	Z580	587
S839	272	SM75	559	TX12	208	Z583	587
S840	273	SM80	559	TX13	215	Z586	587
S841	273	SM90	559	TX14	210	Z587	587
S843	273	SM91	558	TX15	209	Z600	586
S845	272	SP01	569	TX16	213	Z601	586
S849	272	ST11	487	TX17	213	Z610	586
S855	272	ST30	492	TX18	212	Z611	586
S862	234	ST31	500	TX19	210	Z612	586
S884	270	ST35	493	TX20	211	Z613	586
S885	244	ST36	493	TX22	211	Z620	586
S887	235	ST40	498	TX23	211	Z621	586
S889	236	ST41	498	TX30	214	Z622	586
S891	241	ST42	500	TX32	203	Z630	586
S894	272	ST43	501	TX33	221	Z635	586
S895	272	ST44	501	TX36	222	Z636	586
S896	273	ST45	501	TX37	225		
S899	272	ST47	501	TX39	224		
S900	272	ST50	495	TX40	215		
S903	273	ST60	497	TX45	214		



## Following a sustainable policy of reduce, reuse and recycle. Where possible we use recycled polyester in our fabrics.

**Recycled polyester** is made from melting down PET bottles and spinning them into fibres. The process of converting PET into recycled polyester takes up to 35% less energy than the production of virgin polyester. This is a huge benefit to the environment. Garments created from recycled polyester can be recycled again and again with no degradation of quality, allowing us to minimise wastage.

### We do all this without compromising on fabric quality or comfort.

We use only the **highest quality recycled fibres** ensuring there no reduction in the appearance or quality of garments manufactured using recycled polyester.

### The use of recycled polyester ensures;

- Decreased dependence on petroleum as a source of raw material
- Reduced air, water and soil contamination
- Reduced waste at landfill

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## Customer Stockholding

Portwest offers the facility to hold stock for up to six months from time of delivery, in one of our warehouses.



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