



aerospace  
climate control  
electromechanical  
filtration  
**fluid & gas handling**  
hydraulics  
pneumatics  
process control  
sealing & shielding



# Industrial Hose and Fittings

Catalogue: CAT IHF-AU September 2008



ENGINEERING YOUR SUCCESS.



## **WARNING**

**FAILURE OR IMPROPER SELECTION OR IMPROPER USE OF THE PRODUCTS AND/OR SYSTEMS DESCRIBED HEREIN OR RELATED ITEMS CAN CAUSE DEATH, PERSONAL INJURY AND PROPERTY DAMAGE.**

This document and other information from Parker Hannifin Corporation, its subsidiaries and authorized distributors provide product and/or system options for further investigation by users having technical expertise. It is important that you analyse all aspects of your application and review the information concerning the product or system in the current product catalogue. Due to the variety of operating conditions and applications for these products or systems, the user, through its own analysis and testing, is solely responsible for making the final selection for the products and systems assuring that all performance, safety and warning requirements of the application are met.

The products described herein, including without limitation, product features, specifications, designs, availability and pricing, are subject to change by Parker Hannifin Corporation and its subsidiaries at any time without notice.

## **Offer of Sale**

The items described in this document are hereby offered for sale by Parker Hannifin Corporation, its subsidiaries or its authorised distributors. This offer and its acceptance are governed by the provisions stated in the full "Offer of Sale".

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**PVC Hose**

- Air/Water
- Food & Multipurpose/Petroleum
- Chemical Coal Mining/Tubing Prod
- Layflat
- Suction
- Ducting

**Rubber Hose**

- Air & Water
- Oil, Gas & Fuel
- Steam & Hot Water
- Food & Beverage
- Chemical
- Material Handling

**Fittings**

- Camlocks & Accessories
- Bauer Couplings
- Industrial Couplings
- Clamps
- Gauges, Strainers & Nozzles

**Merchandiser Stands**

- PVC
- Fuel Hose
- Gauge

**Chemical Charts**

PVC Hose

**A**

Rubber Hose

**B**

Fittings

**C**

Merchandiser Stand

**D**

Chemical Charts

**E**

Several things must be known before the proper hose can be selected for any hose application.

The acronym **STAMPED** can be the key to having the required information on most cases.

## **S**ize

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The appropriate inside and outside diameters and length of the hose should be determined.

## **T**emperature

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The maximum temperature of the material being conveyed.

## **A**pplication

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External conditions including abrasion, climate, heat, flexing, crushing, kinking and degrees of bending.

## **M**edia

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The composition of the substance being conveyed and compatibility with the hose.

## **P**ressure

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The maximum pressure of the system, including pressure spikes.

## **E**nds

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The appropriate end connections at attachment method for the application.







## **D**elivery

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Testing, quality, packaging and delivery requirements.

**Complicated applications or an application requiring special made-to-order hose may require more detailed information.**

## Glossary of Abbreviated Terms Used in Hose Listings

#	Part Number	
	<b>I.D.</b>	Inside Diameter of hose tube opening
	<b>O.D.</b>	Outside Diameter of hose
	<b>Working Pressure (PSI)</b>	Maximum Recommended Working Pressure expressed in Pounds per Square Inch
	<b>Vacuum Rating (mmHg)</b>	Maximum Recommended Vacuum expressed in millimeters of Mercury
	<b>Coil Length (mt)</b>	Standard packaged coil length # Indicate supplied on plastic reel
	<b>Bend Radius</b>	The minimum bend radius is the tightest at which a hose can be bent without kinking

### Please Note:

**P** Pressure

**SD** Suction/Delivery

**L** Layflat

**T** Tubing

\*Various coil lengths may be available upon request.

\*[C] In coil lengths denotes cut length can be requested. For this service Parker Hannifin reserves the right to reduce your standard discount.

\*Pressure ratings based on testing at 20°C.

\*For any questions, please contact your local Territory Manager or alternatively the Product Sales Manager or Product Specialist located at our Castle Hill branch.

# Parker Hannifin Australasia

Parker Hannifin is a global supplier of motion control products, systems and solutions. Parker operates in 8 global operating groups:

- W **Aerospace**
- W **Fluid & Gas Handling**
- W **Hydraulics**
- W **Automation**
- W **Climate & Industrial Controls**
- W **Seal**
- W **Filtration**
- W **Instrumentation**



No single company offers a more comprehensive family of motion and control products than Parker. Increasingly, customers are asking Parker to help engineer their success by combining our products into complete systems.

Parker Australasia shows a strong commitment to local manufacturing by operating three production facilities:

- Hydraulic Hose, Brass & Stainless fittings: Wodonga
- PVC Hose and Tubing: Adelaide
- Hose Couplings and Adaptors: Auckland



**Wodonga**



**Adelaide**



**Auckland**

## PVC Plant

The PVC factory Adelaide has operated since 1983 and during this time it has produced quality, innovative hose and tubing. Some of the features of this facility include:



- W Quality accredited to AN/NZS ISO 9001:2000
- W Parker's LEAN principles have been incorporated
- W Single/Double/Triple and Quadruple extrusion process
- W Products manufactured:
  - Hose – PVC
    - Thermoplastic Rubber
    - EVA
  - Tube – HDPE
    - LDPE

## Quality and Capabilities

Parker is dedicated to making quality products in a timely manner using best practice guidelines.

Parker's single pass extrusion method allows for quick set-up times, increased capabilities to develop new products and make modification to existing products.

### Custom Brand Product

In partnering with Parker you have the benefit of utilising the PVC plant's custom branding capabilities.

A quick and easy printing set-up allows for changes to be made with little disruption to production.

Print examples include company names, logos, phone numbers and part numbers.



### Engineering and Quality

We stand behind our product with comprehensive engineering and manufacturing expertise gained over many years experience in the industrial hose market.

We have the following capabilities at our Adelaide facility.

- W Pressure testing
- W Laboratory
- W Compound modifications
- W Batch sample register
- W New product development

## Service and Support

Parker Hannifin is focused on adding value to its customers and products. We currently operate out of multiple warehouse locations within Australasia (as shown below), meaning the product is close to the markets we are servicing.

Parker Hannifin has also successfully provided:

- On-line ordering
- Just-in-time deliveries based on the customer's schedule
- A dedicated technical service phone line
- Custom made kits linked to a customer part number



## Quality Parker Rubber Product

To support the Australian manufactured product, Parker supplies proven quality rubber product from locations around the world.

### Parker IHP / Parker Titan (USA)

5 Manufacturing locations specialising in:

- Long length extruded hose production
- Mandrel made hose production
- Custom made hand-built hose manufacturing from 2" to 60"
- In-house testing including coupling pull off, Impulse, Cold blend, Electrical conductivity, tensile, flex and flex impulse with temperature
- Production of one-piece seamless tubes
- Manufacturing on stainless steel mandrels for ultra-smooth bacteria free tubes

### Parker ITR (Italy)

One location specialising in:

- Long length extruded hose production from ID's 4mm to 32mm
- Mandrel made from sizes to 19mm to 250mm
- Hose Engineering Centre



# Market Experience and Expertise

The Industrial Hose and Fitting market is diverse and demanding.

With this in mind Parker has incorporated the very best hoses from the USA, Europe and Australia to guarantee constant high quality and unrivalled performance.

Our hoses have been manufactured and selected to cost-effectively handle any application from coal mines to air seeders to hazardous chemical tankers.

W Construction

W Agricultural

W Transportation

W Marine

W Irrigation

W Petroleum

W Chemical



# Parker Store

## The Parker Store Charter



















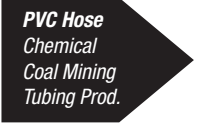

























Parker Stores are dedicated to providing knowledgeable support, professional service and innovative products and solutions to customers in a variety of markets.

Parker Stores offer the most comprehensive range of hydraulic, industrial and pneumatic solutions – manufactured by Parker Hannifin, the world leader in motion control – and delivered by professionals who value your business.











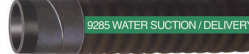
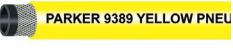
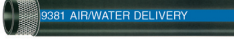







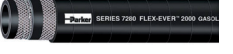



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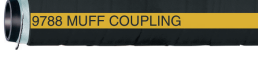


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# Product Overview

		Hose ID (mm)																Standard Temp Range (°C)	Standards	Tube	Page			
		4	5	6	8	10	12	16	20	25	32	38	50	63	75	100	125					150	200	
PVC Pressure (pressure - psi)	HSY			250	250	290	250		230	230	230	230	290								-10/+60	AS2554	PVC	A-2
	CAC			250	250	290	250		250												-10/+60	AS2554	PVC	A-2
	HAL					250															-10/+60		PVC	A-2
	BSW								145	145	145	145									-10/+60		PVC	A-3
	TCW						145		145	145	145										-10/+60		PVC	A-3
	HSL						145		145	130											-10/+60		PVC	A-3
	GHH						145		145												-10/+60	AS2620	PVC	A-4
	HRB								145	145											-10/+60	AS1221	PVC	A-4
	HHW						145		145												-10/+60		PVC	A-4
	RCW						145		145	130											-10/+60		PVC	A-5
	NTP			250	250	250	250	250	250	250	145	145	145								-10/+60	AS2070	PVC	A-6
	HDW						145														-10/+60	AS2070	PVC	A-6
	DPH										130										-10/+60		PVC	A-7
	HPR									200	200	160									-10/+60		PVC	A-7
	CHM									145											-10/+60		PVC	A-7
	SPW					300	300		250												-10/+60		PVC	A-8
	HPW					580	580		495												10/+60		PVC	A-8
	FSA					305	305		305	305	305	305	305								-10/+60	AS2660	PVC	A-9
	FSX									500											-10/+60	AS2660	PVC	A-9
	ANFO								100	150	150										SEE NOTES	AS2187.2	PVC/HDPE	A-9
CVT		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A									-10/+60	AS2070	PVC	A-10	
LDP									N/A	N/A										-10/+60		LDPE	A-10	
Layflat	LF1											75	65	60	50	45		45	45	-10/+60		PVC	A-11	
	LF3											150	150	150	130	130		100	70	-10/+60		PVC	A-11	
	LP3							140	140	130	115	115								-10/+60		PVC	A-11	
PVC Suction (suction - mmHg)	PFX								735	735	735	720	720	720	675	675	675			-5/+60		PVC	A-12	
	HFX								735	735	735	720	720	720	675					-5/+60		PVC	A-12	
	CMX								735	735	735	735	720	720	675					-5/+60	AS2070	PVC	A-13	
	RFX										720	720		675						-5/+60		PVC	A-13	
	MFX								720	720	720	675	675	675						-5/+60	AS2070	PVC	A-13	
	HSC			699	699	625	625	625	625	625	625	625	588	588	515	515					-5/+60	CE 1935/2004	PVC	A-14
	WFX									735	735										-5/+60		PVC	A-114
	HVA												525		525	450	450	450			-25/+70		PVC/PU	A-15
	HGR											600	600	600	600	600	525	525	450		-25/+60		PVC	A-15
	FLE									600	600	600	600	600	600	600					-5/+60		PVC	A-16
	CFX									735	735	705	705								-5/+60		PVC/Nitrile	A-17
	SFX									720	720	675	675	675	675						-5/+60		PVC	A-17
	VFX								720	720	720	720	720								-5/+60	AS1425	PVC	A-18
	OFX									735	735	735	720	720	675	675					-5/+60		PVC/Nitrile	A-18
Duct	EPU								184	147	147	147	118	118	96		59	28			-20/+80		Polyurathane	A-19
	EUA									147	147	147	118	118	96		59				-20/+80		Polyurathane	A-19

**Note:**  
 ANFO Standard Temperature Range:  
 20mm: -20/+60  
 25mm: -20/+80

	Hose ID (mm)																Standard Temp Range (°C)	Standards	Tube	Page		
	4	5	6	8	10	12	16	20	25	32	38	50	63	75	100	125					150	200
7092*			200	200	200	200		200	200										-40/+100		EPDM	B-2
7093		200	200	200	200	200		200	200										-40/+100		EPDM	B-2
7094*		200	300	300	300	300		300	300	200	200								-29/+100		Nitrile	B-3
7396										200	200	200							-29/+100		Nitrile	B-3
7212			300	300	300	300		300											-40/+100	MSHA	Nitrile	B-4
7258			3000		3000														-40/+121		Neoprene	B-4
7247						1500													-40/+121		Neoprene	B-4
7385									150	150	150	150							-29/+300		SBR	B-5
7270								800	800										-40/+82	UL92	Neoprene	B-5
7281														175					-34/+149/177		EPDM	B-5
9388														116					-40/+150/176		EPDM	B-6
9287									150	150	150	150	150	150	150	150			-40/+85		NR	B-6
9284									150	150	150	150	150	150	150				-35/+70		SBR	B-7
9286										150	150	150	150	150		150	150		-10/+70		SBR	B-7
9285															44	44	44		-35/+70		SBR	B-7
9389						200		200	200										0/+70		SBR	B-8
9381								145	145	145	145	145	145	145	145				-30/+70		SBR	B-8
9382						290		290	290	290	290	290	290	290	290				-30/+70		SBR	B-9
9386									300					300					-40/+85		NR/NBR	B-9
MIN40											580	580							-40/+100		SBR	B-9
9385													525	525	450				-30/+70		SBR	B-10
9982					254	254		254	254	254	254	254	254	254	254				-40/+100	AS2660	SBR	B-10
9984												145	145	145					-40/+100		SBR	B-10
9371												215	215	185	145		150		-30/+70		Nitrile	B-11
3955		75	50	50	50														-34/+120	SAE J30 R7	Nitrile	B-12
CFL	58	58	58	58	44	44													-40/+125	SAE J30 R7	Nitrile	B-12
AUT67	260	260	260		260	260	260												-30/+125	ECE67/110 C2	Nitrile	B-12
7280							150	150	150										-40/+82	UL330	Nitrile	B-13
7125							36												-40/+82	AS2683	Nitrile	B-13
7174									50										-40/+82		Nitrile	B-13
SMTR311								44	44	44	44								-30/+100	Lloyds/DNV	Nitrile	B-14
9230												145	145	145	87	87	87		-40/+100	Lloyds	NR/SBR	B-14
9481								145	145	145	145	145	145	145	145				-20/+80		Nitrile	B-15
9484								150	150	150	150	150	150	150	150		150		-25/+80		Nitrile	B-15
9486								150	150	150	150	150							-32/+85		Nitrile	B-16
9487								150	150	150	150			150					-32/+85		Nitrile	B-16
7165				50	50	50													-15/+70	SAE/USCG A1	Nylon	B-16
7079					250			250	250										-40/+100		EPDM	B-17
9583					150			150	150										-40/+100		SBR	B-17
9582					116	116	116	116	116	116	116	116							-40/+170		EPDM	B-17
7186					125	90	70												-40/+170		EPDM	B-18
7288/7264					250			250	250										-29/+208/232		EPDM	B-18
9585										260	260	260							40/+232		EPDM	B-18
9683					145			145											-35/+120	FDA	Butyl	B-19
9691/9692									145	145	145	145	145	145	145				-30/+70	FDA	NR/NBR	B-19
9695/9697									145	145	145	145	145	145	145				-30/+70	FDA	Natural	B-20
9696										87	87	87	87						-30/+70	FDA	Butyl	B-20
7108																			-18/+93		Nylon 6	B-21
7373T									200	200	200	200		200	150				-40/+121		UHMW PE	B-21
9781															73				-40/+70		Synthetic Tan	B-22
9788												203		160	116	116	116		-35/+70		SBR	B-22
9784											1580	580	580	580					-40/+70		Synthetic Rubber	B-22
9797														162	123		84		+35/+70		SBR	B-23

Note: \*Indicates maximum pressure of stocked lines

<b>A</b> PVC Hose
<b>B</b> Rubber Hose
<b>C</b> Fittings
<b>D</b> Merchandier Stand
<b>E</b> Chemical Charts





# *PVC Hose*

# PVC HOSE



# AIR & WATER

## HSY SAFETY YELLOW AIR/WATER

High quality air and water hose with excellent flexibility and durability. Ideal choice for industrial applications. Commonly used for water transfer. Conforms to AS/NZS 2554 Class B requirements.



P

**Common Applications:**

- Building sites
- Water Trucks
- Fire Tankers
- Cement Trucks

# Part Number	ID (mm)	OD (mm)	WP (PSI)	BR (mm)	Coil Length (metres)
HSY-006-***	6	12	250	65	20 100 300#
HSY-008-***	8	14	250	75	20 100 300#
HSY-010-***	10	17	290	85	20 100 200#
HSY-012-***	12.5	19	250	100	20 100 200#
HSY-020-***	20	28	230	150	20 50 100
HSY-025-***	25	33	230	180	20 50 100
HSY-032-***	32	42	230	220	10 20 40
HSY-038-***	38	50	230	250	10 20 40
HSY-050-***	50	63	290	320	10 20 40

## CAC CHEMAIR AIRLINE

Premium lightweight flexible airline hose. The added benefit of a chemical resistant tube makes it suitable for low pressure agriculture spray applications.



P

**Common Applications:**

- Rattle Guns
- Nail Guns
- Pneumatic Tools
- Ag Spray

# Part Number	ID (mm)	OD (mm)	WP (PSI)	BR (mm)	Coil Length (metres)
CAC-006-***	6	12	250	60	20 100 300#
CAC-008-***	8	14	250	70	20 100 300#
CAC-010-***	10	17	290	85	20 30 100 200#
CAC-012-***	12.5	19	250	95	20 100 200#
CAC-020-***	20	27.5	250	190	20 100

## HAL BLUE ADFLEX AIRLINE

Flexible lightweight airline hose. It provides an economical alternative for users who do not require the higher working pressure of 10mm Chemair.



P

**Common Applications:**

- Pneumatic Tools
- Portable Equipment

# Part Number	ID (mm)	OD (mm)	WP (PSI)	BR (mm)	Coil Length (metres)
HAL-010-***	10	16	250	85	20 100 300#

Note: Merchandiser reel available as a display unit, fitted with 1/4" BSP ends, using Part No. HAL-MR-

PVC Hose  
A

Rubber Hose  
B

Fittings  
C

Merchandiser Stand  
D

Chemical Charts  
E

## BSW

### BLUE STRIPE WASHDOWN

Premium washdown hose designed specifically for cold washdown applications. Its distinctive white cover with blue stripe is smooth for ease of handling and its virgin PVC construction ensures unmatched performance, flexibility and service life.



P

# Part Number	ID (mm)	OD (mm)	WP (PSI)	BR (mm)	Coil Length (metres)
BSW-020-***	20	28	145	140	20 50 100
BSW-025-***	25	33	145	180	20 50 100
BSW-032-***	32	42	145	210	20 40 100

**Common Applications:**

- Golf Courses
- Bowling Greens
- Dairy's
- Parks and Gardens

## TCW

### TURF AND COLD WASHDOWN

White smooth covered hose with white tube. Used in water transfer applications for golf courses, parks and small irrigators. This hose has excellent flexibility, kink resistance and provides optimum UV



P

# Part Number	ID (mm)	OD (mm)	WP (PSI)	BR (mm)	Coil Length (metres)
TCW-012-***	12	18	145	100	20 100
TCW-020-***	19	26	145	180	20 100
TCW-025-***	25	33	145	230	20 100
TCW-032-***	32	42	145	320	20 100

**Common Applications:**

- Golf Courses
- Parks
- Small Irrigators
- Turfs Farms

## HSL

### TURF MASTER WATER DELIVERY

Premium quality hose for general purpose water applications. Virgin PVC materials provide excellent flexibility at low temperatures.

\*Lifetime manufacturing guarantee



P

# Part Number	ID (mm)	OD (mm)	WP (PSI)	BR (mm)	Coil Length (metres)
HSL-012-***	12	17	145	85	20 35 100
HSL-020-***	19	25	145	125	20 35 100
HSL-025-***	25	31	130	155	20 35 100

**Common Applications:**

- Rural Properties
- Market Gardens

PVC Hose  
A

Rubber Hose  
B

Fittings  
C

Merchandise  
Stand  
D

Chemical  
Charts  
E

PVC Hose  
A

## GHH MONARCH REINFORCED GARDEN HOSE

Premium hose that resists hardening and cracking. Conforms to Australian domestic garden hose standard AS 2620 part 1-1983 Class 1200.

\*5 Year warranty.



P

Common Applications:

- Home and Garden

# Part Number	ID (mm)	OD (mm)	WP (PSI)	BR (mm)	Coil Length (metres)
GHH-012-***	12	17	145	85	20 35 100 200#
GHH-020-***	19	25	145	125	20 35 100

Rubber Hose  
B

## HRB FIRE REEL WATER DELIVERY

Black covered fire reel hose the conforms to AS/NZS 1221 requirements.



P

Common Applications:

- Fire Reels
- Fire Fighter Pumps

# Part Number	ID (mm)	OD (mm)	WP (PSI)	BR (mm)	Coil Length (metres)
HRB-020-***	19	26	145	130	20 36 100
HRB-025-***	25	33	145	165	20 100

Fittings  
C

Merchandiser  
Stand  
D

## HHW HOT WASHDOWN

Heavy duty white hot washdown hose ideal for dishwashers and washing machines. Designed for the conveyance of hot water up to 85°C whilst under pressure.



P

Common Applications:

- Butcher Shops
- Dishwaters
- Commercial Kitchens

# Part Number	ID (mm)	OD (mm)	WP (PSI)	BR (mm)	Coil Length (metres)
HHW-012-***	12.5	19	230	100	20 100
HHW-020-***	20	29	200	140	20 100

Note: HHW working pressure is 150 psi @ 85°C

Chemical  
Charts  
E

## RCW

### RECLAIMED WATER

Distinctive lilac covered hose manufactured to meet the requirements for reclaimed water colour coding. Reinforced construction designed specifically for reclaimed water pressure



P

**Common Applications:**

- Park and Garden
- Domestic Watering

# Part Number	ID (mm)	OD (mm)	WP (PSI)	BR (mm)	Coil Length (metres)
RCW-012-***	12	17	145	120	20 100
RCW-020-***	19	25	145	210	20 100
RCW-025-***	25	31	130	295	20 100

## ABD

### AIR BREATHING HOSE

Designed for use in commercial deep sea diving and industrial air breathing applications, such as spray booths, sandblasting, shipyard cleaning operations and respiratory protective devices. Conforms to AS/NZS 1716 and AS2299.



P

**Common Applications:**

- Diving
- Spray Booths
- Sandblasting
- Respiratory Devices

# Part Number	ID (mm)	OD (mm)	WP (PSI)	BR (mm)	Coil Length (metres)
ABD-008***	8	14.4	365	60	20 100 300
ABD-010-***	10	16.8	365	70	20 100 200

PVC Hose  
**A**

Rubber Hose  
**B**

Fittings  
**C**

Merchandise Stand  
**D**

Chemical Charts  
**E**

# FOOD & MULTIPURPOSE/PETROLEUM

## NTP PETROL RESISTANT/FOOD CONTACT

Translucent dual purpose food contact/petrol hose with a distinctive red/gold tracer to identify its dual application. Conforms to AS/NZS 2070 for food contact requirements.



P

**Common Applications:**

- Air Lines
- Water Transfer
- Transfer Line in Food Processing
- Petroleum Products
- Siphon Lines

# Part Number	ID (mm)	OD (mm)	WP (mm)	BR (mm)	Coil Length (metres)
NTP-006-***	6	12	250	65	20 100 300#
NTP-008-***	8	14	250	75	20 100 300#
NTP-010-***	10	16	250	85	20 100 200#
NTP-012-***	12.5	19	250	100	20 100 200#
NTP-016-***	16	22	250	130	20 100
NTP-020-***	20	27.5	250	150	20 50 100
NTP-025-***	25	33	250	180	20 50 100
NTP-032-***	32	42	145	220	10 20 40
NTP-038-***	38	49	145	250	10 20 40
NTP-050-***	50	63	145	320	10 20 40

## HDW DRINKING WATER

Specifically formulated hose with EVA tube, designed to prevent the “flavouring” of drinking water. Conforms to AS/NZS 2070 for food contact requirements.



P

**Common Applications:**

- Potable Water in Caravans, Boats
- Transfer into drinking containers

# Part Number	ID (mm)	OD (mm)	WP (mm)	BR (mm)	Coil Length (metres)
HDW-012-***	12	18	145	100	20 100 200

PVC Hose  
A

Rubber Hose  
B

Fittings  
C

Merchandise Stand  
D

Chemical Charts  
E

## DPH DRUM PUMP II

Fuel resistant hose. Suited to dispensing unleaded petrol, diesel and kerosene, from hand pump and gravity fed farm pumps, drums and storage tanks.



P

# Part Number	ID (mm)	OD (mm)	WP (mm)	BR (mm)	Coil Length (metres)
DPH-025-***	25	31	130	155	20 100

**Common Applications:**

- Farm Tank
- Drum Pumps

## HPR PR PETROL RESISTANT

Black covered premium petrol resistant hose with a red tube, manufactured using all virgin PVC. All sizes come with two anti-static wires as standard.



P

# Part Number	ID (mm)	OD (mm)	WP (psi)	BR (mm)	Coil Length (metres)
HPR-025-***	25	33	200	180	20 100
HPR-032-***	32	42	200	220	20 60 100
HPR-038-***	38	50	160	250	20 40

**Common Applications:**

- Tank Delivery
- Dispensing Petrol and Diesel

## CHM CHILL MASTER FUEL (ANTI-STATIC)

Black fuel resistant hose with excellent cold weather flexibility. Specially formulated compounds give this hose a high resistance to common petroleum products. Comes with two anti-static wires, making it ideal for farm tank delivery applications.



P

# Part Number	ID (mm)	OD (mm)	WP (mm)	BR (mm)	Coil Length (metres)
CHM-025-***	25	33	145	170	20 100

**Common Applications:**

- Farm Tank Delivery

PVC Hose  
A

Rubber Hose  
B

Fittings  
C

Merchandise  
Stand  
D

Chemical  
Charts  
E

# CHEMICAL/COAL MINING/TUBING PRODUCTS

## SPW SPRAYCHEM

Specifically designed for use in pest control and agricultural chemical spray applications. Its lightweight construction, makes it suitable for most spraying applications, where flexibility and ease of handling is essential.



P

Common Applications:

- Pest Spray
- Horticultural Equipment

Part Number	ID (mm)	OD (mm)	WP (PSI)	BR (mm)	Coil Length (metres)
SPW-010-***	10	17	300	80	20 100 200#
SPW-012-***	12.5	19	300	100	20 100 200#
SPW-020-***	20	27.5	250	190	20 100

## HPW PESTICIDE/WEEDCIDE

Black covered heavy duty, high pressure spray hose suitable for most agricultural spray or domestic pesticide spray applications.



P

Common Applications:

- Pest Spray
- Horticultural Equipment

Part Number	ID (mm)	OD (mm)	WP (PSI)	BR (mm)	Coil Length (metres)
HPW-010-***	10	17	495	85	20 100 200#
HPW-012-***	12.5	19	495	95	20 100 200#
HPW-020-***	19	28	495	140	20 100

PVC Hose  
A

Rubber Hose  
B

Fittings  
C

Merchandiser Stand  
D

Chemical Charts  
E



## FSA/FSX

### COALMASTER FRAS YELLOW AIR/WATER

FRAS (Fire Resistant, Anti-Static) rated hose made from lightweight, highly abrasion resistant polymer developed specifically for use in the underground coal mining industry. Red colour and additional coil lengths are available on request. Conforms to AS 2660 and AS/NZS 2554 class A.



P

**Common Applications:**

- Underground Coal mines

# Part Number	ID (mm)	OD (mm)	WP (PSI)	BR (mm)	Coil Length (metres)
FSA-010-***	10	17	305	85	20 100
FSA-012-***	12.5	22	305	100	20 100
FSA-020-***	20	30	305	150	20 100
FSA-025-***	25	34	305	180	20 33 100 200
FSX-025-***	25	34	500	180	20 33 100
FSA-032-***	32	44	305	220	20 100
FSA-038-***	38	50	305	250	20 40 200
FSA-050-***	50	63	305	320	20 40 200

## ANFO

### EXPLOSIVE LOADING

Specially designed tubing used for the delivery of pneumatically loaded explosives up blast holes. Manufactured from materials with specific low static properties, to enable its use with explosives.

Conforms to AS2187.2 - Explosives - Storage, transport and use.

- Temperature Rating 20mm = -20°C to 60°C
- Temperature Rating 25mm & 32mm = -20°C to 80°C

Minimum resistance of 15kΩ/mtr  
Maximum resistance of <1.6Ω/coil



T

**Common Applications:**

- ANFO Loading

# Part Number	ID (mm)	OD (mm)	WP (PSI)	BR (mm)	Coil Length (metres)
ANFO-020-***	19	27	100	NA	20 30
ANFO-025-***	25.4	30	150	NA	40 60
ANFO-032-***	32	37	150	NA	60

Note: 20mm – Semi Rigid Virgin PVC. 25mm & 32mm – Rigid Semi Conductive High Density Polyethylene

PVC Hose  
A

Rubber Hose  
B

Fittings  
C

Merchandise Stand  
D

Chemical Charts  
E

## CVT CLEAR VINYL TUBING

Suitable for food and beverage lines operating at low pressures, general purpose low pressure delivery lines, light siphon lines, cable protection and drainage lines. Conforms to AS/NZS 2070 for food contact requirements.



# Part Number	ID (mm)	OD (mm)	WP (psi)	BR (mm)	Coil Length (metres)
CVT-003-***	3	5	NA	50	30
CVT-005-***	5	8	NA	55	30 100*
CVT-006-***	6	9	NA	65	30 100*
CVT-008-***	8	11	NA	75	30 90*
CVT-010-***	10	13	NA	85	30 100*
CVT-012-***	12.5	15.5	NA	100	30 80*
CVT-016-***	16	19	NA	130	30
CVT-020-***	20	24	NA	150	30
CVT-025-***	25	30	NA	180	30
CVT-032-***	32	38	NA	220	30
CVT-038-***	40	47	NA	250	15 30
CVT-050-***	50	58	NA	320	15 30

**Common Applications:**

- Siphon Lines
- Cable Protection
- Drainage Lines
- Food and Beverage Transfer Lines

## LDP LDPE AIRSEEDER TUBING

Clear tubing designed for the transfer of seed products. UV stabilisers ensure superior UV protection.



# Part Number	ID (mm)	OD (mm)	WP (psi)	BR (mm)	Coil Length (metres)
LDP-025-***	25	33	NA	420	40 100
LDP-032-***	32	37	NA	550	20 40 100

**Common Applications:**

- Transfer of seed

PVC Hose  
A

Rubber Hose  
B

Fittings  
C

Merchandise Stand  
D

Chemical Charts  
E

# LAYFLAT

## LF1

### SUNNY BLUE LOW PRESSURE

Light duty layflat hose produced by the world leading manufacturer Sunny Hose. This hose can be pierced without delamination as it is constructed with one layer ensuring its suitability for trickle irrigation applications.



# Part Number	ID (mm)	OD (mm)	WP (psi)	BR (mm)	Coil Length (metres)
LF1-038-***	41	NA	75	NA	50 100
LF1-050-***	53	NA	65	NA	50 100
LF1-063-***	66	NA	60	NA	50 100
LF1-075-***	78	NA	50	NA	50 100
LF1-100-***	104	NA	45	NA	50 100
LF1-150-***	155	NA	45	NA	50 100 [C]
LF1-200-***	207.5	NA	45	NA	50 100 [C]

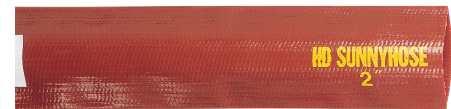
#### Common Applications:

- Construction Sites
- Trickle Irrigation

## LF3

### SUNNY BRICK RED HEAVY DUTY

A premium quality heavy duty layflat. The excellent abrasion resistance allows it to be used in heavy de-watering applications.



# Part Number	ID (mm)	OD (mm)	WP (psi)	BR (mm)	Coil Length (metres)
LF3-038-***	40	NA	150	NA	50 100
LF3-050-***	52.5	NA	150	NA	50 100
LF3-063-***	66	NA	150	NA	50 100
LF3-075-***	78.5	NA	130	NA	50 100
LF3-100-***	104	NA	130	NA	50 100 [C]
LF3-150-***	155	NA	100	NA	50 100 [C]
LF3-200-***	207	NA	70	NA	100

#### Common Applications:

- Pit De-Watering
- Quarries
- Industrial Washdown
- Building Sites

## LP3

### BLUE HIGH PRESSURE

A high pressure heavy duty layflat, with two layer construction.



# Part Number	ID (mm)	OD (mm)	WP (psi)	BR (mm)	Coil Length (metres)
LP3-020-***	20	NA	140	NA	50
LP3-025-***	25	NA	140	NA	50 100
LP3-032-***	32	NA	130	NA	100
LP3-038-***	38	NA	115	NA	100
LP3-050-***	52	NA	115	NA	100

#### Common Applications:

- Fire Pump Delivery
- Irrigation
- Washdown

PVC Hose  
**A**

Rubber Hose  
**B**

Fittings  
**C**

Merchandiser Stand  
**D**

Chemical Charts  
**E**

# SUCTION HOSE

PVC Hose  
A

Rubber Hose  
B

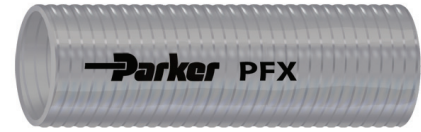
Fittings  
C

Merchandise Stand  
D

Chemical Charts  
E

## PFX PUMPFLEX

For conveying water, other liquids and light granular materials. Suitable for agriculture and industrial applications.



# Part Number	ID (mm)	OD (mm)	UHg Vacuum Rating (mmHg)	BR (mm)	Coil Length (metres)
PFX-025-***	25.5	31.9	600	75	20
PFX-032-***	32.2	39.0	600	115	20
PFX-038-***	38.5	46.1	600	160	20 30
PFX-050-***	51.2	59.6	600	220	20 30
PFX-063-***	64.4	74.0	600	320	20
PFX-075-***	76.1	87.2	600	360	20 30
PFX-100-***	102.1	114.2	675	570	6 10 20 [C]
PFX-125-***	127.8	141.4	675	800	6 10 20 [C]
PFX-150-***	153.4	169.8	675	1100	6 10 20 [C]

### Common Applications:

- Fire fighter pumps
- Water Suction
- General Industry
- Construction Site De-watering

## HFX EXTRA HEAVY DUTY GREY

Designed to suit harsh conditions. With anti-shock rigid PVC reinforcement. Suitable for the suction and discharge of liquids, slurries and abrasive solids. The hose is ideal for use in the applications



# Part Number	ID (mm)	OD (mm)	UHg Vacuum Rating (mmHg)	BR (mm)	Coil Length (metres)
HFX-025-***	25.5	33.1	735	75	20 30
HFX-032-***	32.2	40.2	735	110	20 30
HFX-038-***	38.5	46.9	735	160	20 30
HFX-050-***	51.2	60.2	720	225	20 30
HFX-063-***	64.4	74.0	720	330	20 30
HFX-075-***	76.2	87.0	720	370	20 30
HFX-100-***	102.2	114.2	675	590	20

### Common Applications:

- Light Slurries
- Water and diluted chemical suction

## CMX CELLARMAX

For non-toxic applications requiring a heavy duty hose. Suitable for wine and fruit juice. Conforms to AS/NZS 2070 standards. Winery/food contact clear with red helix.



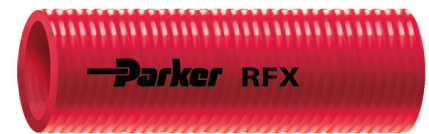
# Part Number	ID (mm)	OD (mm)	UHg Vacuum Rating (mmHg)	BR (mm)	Coil Length (metres)
CMX-025-***	25.5	33.1	735	70	20
CMX-032-***	32.2	40.2	735	110	20
CMX-038-***	38.5	46.9	735	150	20
CMX-050-***	51.2	60.2	735	200	20
CMX-063-***	64.4	75.2	720	290	20
CMX-075-***	76.2	87.4	720	350	20
CMX-100-***	102.2	115.0	675	570	20
CMX-125-***	127.8	141.8	675	760	20

### Common Applications:

- Wine transfer
- Food Processing
- Beverage Lines

## RFX VITIFLEX

This hose is perfectly suited to applications constantly exposed to sunlight, where a clear wall is not critical and a light weight product is preferred. Winery/food contact opaque red.



# Part Number	ID (mm)	OD (mm)	UHg Vacuum Rating (mmHg)	BR (mm)	Coil Length (metres)
RFX-038-***	38	46	720	150	20
RFX-050-***	51	61	720	200	20
RFX-075-***	76	87	675	350	20

### Common Applications:

- Wine transfer for outside applications

## MFX MILKFLEX

For non-toxic applications. Suitable for use as a milk tanker suction and delivery hose. Conforms to AS/NZS 2070 standards. Food contact clear with white helix.



# Part Number	ID (mm)	OD (mm)	UHg Vacuum Rating (mmHg)	BR (mm)	Coil Length (metres)
MFX-025-***	25.5	31.9	515	75	20
MFX-032-***	32.2	39.2	515	110	20
MFX-038-***	38.5	46.5	515	150	20
MFX-050-***	51.2	60.2	515	210	20
MFX-063-***	64.4	74.4	515	290	20
MFX-075-***	76.2	86.6	515	350	20

### Common Applications:

- Milk Tankers
- Food Manufacturing

PVC Hose  
A

Rubber Hose  
B

Fittings  
C

Merchandise  
Stand  
D

Chemical  
Charts  
E

PVC Hose  
A

Rubber Hose  
B

Fittings  
C

Merchandiser  
Stand  
D

Chemical  
Charts  
E

# HSC

## PLUTONE CLEAR/STEEL WIRED REINFORCED

Suitable for applications requiring continuous bending and flexing, or where a clear, heavy duty hose is needed. Ideal for food and beverage contact. Conforms to CE 1935/2004 for use with food-stuffs – liquids, dry and alcohol.



# Part Number	ID (mm)	OD (mm)	UHg Vacuum Rating (mmHg)	BR (mm)	Coil Length (metres)
HSC-006-***	6	12	699	13	60
HSC-008-***	8	14	699	16	60
HSC-010-***	10	16	625	18	20 60
HSC-012-***	12	18	625	23	20 60
HSC-016-***	16	22.4	625	30	30 60
HSC-020-***	20	27	625	34	20 60
HSC-025-***	25	33	625	42	20 30
HSC-032-***	32	41	625	53	30
HSC-038-***	38	47	625	63	30
HSC-050-***	50	60	588	82	30
HSC-063-***	63	75	588	138	30
HSC-075-***	76	89	515	164	20 30
HSC-100-***	102	116	515	215	30 [C]

### Common Applications:

- Food and Beverage Transfer
- Salt and Fresh Water Lines
- Chemical
- Foaming Units
- Light Slurries



# WFX

## SANIFLEX

Suitable for sanitation systems in boats, caravans and recreational vehicles.

# Part Number	ID (mm)	OD (mm)	UHg Vacuum Rating (mmHg)	BR (mm)	Coil Length (metres)
WFX-025-***	25.8	38	735	75	20
WFX-038-***	38	46.6	735	125	20

### Common Applications:

- Marine Plumbing
- Caravan Plumbing

## HVA

### VACBEAST II ANTI-STATIC SLURRY HOSE

New Improved anti-static hose for vacuum waste recovery and heavy duty suction applications where flexibility is important. Widely used on tank trucks or as an oil recovery hose.



# Part Number	ID (mm)	OD (mm)	UHg Vacuum Rating (mmHg)	BR (mm)	Coil Length (metres)
HVA-050-***	52	63	600	180	20 30
HVA-063-***	63	75	600	230	20 30
HVA-075-***	76	89	600	290	20 30
HVA-100-***	102	118	600	380	10 30 [C]
HVA-125-***	127	145	525	500	30
HVA-150-***	152	172	525	630	10 20 [C]
HVA-200-010	203	229	450	900	10

**Common Applications:**

- Industrial Vacuum Units
- Tank Truck Recovery
- Abrasive Suction

## HGR

### GRIT BEAST SLURRY HOSE

Suitable for slurry, vacuum waste recovery and heavy duty suction applications where flexibility is important. The product has a thick green super elastic tube with an externally ridged grey PVC helix.



# Part Number	ID (mm)	OD (mm)	UHg Vacuum Rating (mmHg)	BR (mm)	Coil Length (metres)
HGR-050-***	50	63	600	180	20 30 50
HGR-063-***	63	75	600	230	20 50
HGR-075-***	76	89	600	290	20 30 50
HGR-100-***	102	118	600	380	30 [C]
HGR-125-***	127	145	525	500	30
HGR-150-***	152	172	525	630	20 [C]
HGR-200-010	203	229	450	900	10

**Common Applications:**

- Vacuum Waste Recovery
- Tank Truck Suction

PVC Hose

A

Rubber Hose

B

Fittings

C

Merchandise Stand

D

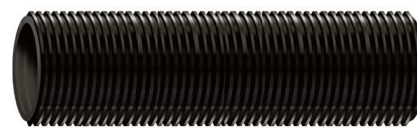
Chemical Charts

E

# FLE

## FLEXI-FLO AIRSEEDER

Black, super tough flexible Airseeder and general purpose hose with superior UV resistance.



**Common Applications:**

- Seed Transfer

# Part Number	ID (mm)	OD (mm)	WP (PSI)	BR (mm)	Coil Length (metres)
FLE-025-***	25	33	600	80	20
FLE-030-***	30.5	39	600	80	20
FLE-031-***	31.5	41.5	600	80	20
FLE-032-***	32	43	600	80	20
FLE-033-***	33.5	44	600	100	20
FLE-035-***	35	44	600	100	20
FLE-038-***	38	47	600	130	20
FLE-045-***	44	55	600	140	20
FLE-050-***	50	63	600	190	20
FLE-063-***	63	77	600	250	20
FLE-075-***	76	93	600	300	20
FLE-100-***	102	116	600	380	20

PVC Hose  
**A**

Rubber Hose  
**B**

Fittings  
**C**

Merchandiser Stand  
**D**

Chemical Charts  
**E**



## CFX CROPFLEX

This extremely flexible medium duty hose is suitable for suction and low pressure delivery. For use on agricultural and chemical spraying equipment, suction and discharge on environmental waste collection tankers and in water transfer applications.



# Part Number	ID (mm)	OD (mm)	Ug Vacuum Rating (mmHg)	BR (mm)	Coil Length (metres)
CFX-025-***	25.5	31.9	130	70	20
CFX-032-***	32.2	39.0	120	100	20
CFX-038-***	38.5	46.5	105	150	20
CFX-050-***	51.2	59.6	95	200	20

**Common Applications:**

- Crop Spray
- Horticultural Equipment
- Waste Collection

## SFX SEEDFLEX

Designed to suit harsh Australian Airseeder applications. Manufactured from a specifically formulated super elastic PVC compound, this hose has superior abrasion resistance with the advantage of being clear with white helix.

Also stocked in black/clear using prefix CFX-D



# Part Number	ID (mm)	OD (mm)	WP (PSI)	BR (mm)	Coil Length (metres)
SFX-025-***	25.5	31.5	515	75	20
SFX-032-***	32.2	38.6	515	110	20
SFX-038-***	38.5	45.5	600	150	20
SFX-045-***	45.2	53.6	600	185	20
SFX-050-***	51.2	59.8	600	210	20
SFX-063-***	64.4	74.4	600	290	20
SFX-075-***	76.2	86.6	600	350	10 20

**Common Applications:**

- Primary and secondary Air Seeder lines

\*Available in other colours upon

PVC Hose  
**A**

Rubber Hose  
**B**

Fittings  
**C**

Merchandise  
Stand  
**D**

Chemical  
Charts  
**E**

PVC Hose

A

Rubber Hose

B

Fittings

C

Merchandise Stand

D

Chemical Charts

E

## VFX VENFLEX

Suitable for dust extraction, boating, cable protection, LPG conversion, Airseeder. Conforms to AS/NZS 1425 requirements, (only suited for light suction applications).



# Part Number	ID (mm)	OD (mm)	Vacuum Rating (mmHg)	BR (mm)	Coil Length (metres)
VEN-020-***	20	25	350	25	20 50
VFX-025-***	25.5	32.0	350	65	20
VFX-032-***	32.2	39.0	350	90	20
VFX-038-***	38.5	46.5	350	120	20
VFX-050-***	51.2	59.0	350	170	20

**Common Applications:**

- LPG Vent Systems
- Cable Protection
- Airseeder
- Bilge Pumping

## OFX OILFLEX

For conveying petroleum products and derivatives, lubricating oils and various chemicals and sludge. Heavy duty oil suction blue. Made with Thermoplastic rubber for improved flexibility and durability.



# Part Number	ID (mm)	OD (mm)	Vacuum Rating (mmHg)	BR (mm)	Coil Length (metres)
OFX-025-***	25.5	33.5	675	60	20
OFX-032-***	32.2	40.6	675	95	20
OFX-038-***	38.5	47.5	675	120	20
OFX-050-***	51.2	61.2	675	180	20
OFX-063-***	64.4	75.4	675	280	20
OFX-075-***	76.2	87.6	675	340	20
OFX-100-***	102.2	115.2	675	560	20

**Common Applications:**

- Sludge Pumping
- Grease Pit Tankers
- Marine Plumbing
- Plumbing Potable Toilets
- Diesel Tankers

# DUCTING

## EPU & EUA

### EOLO PU

Suction/Discharge - Eolo PU is a light weight and flexible product that can be used as both a Duct and/or a Vacuum/Delivery hose. Made from Polyurethane, it has strong resistance to abrasion and many chemicals. It has a smooth bore with an anti-shock PVC spiral helix and a corrugated outside surface.



### EPU



# Part Number	ID (mm)	OD (mm)	Hg Vacuum Rating (mmHg)	 BR (mm)	 Coil Length (metres)
EPU-025-***	25	30.2	184	30	20
EPU-032-***	32	37.2	147	35	20
EPU-038-***	38	43.6	147	50	20
EPU-050-***	50	56.4	147	70	20
EPU-063-***	63	70.2	118	80	30
EPU-075-***	76	84	118	100	30
EPU-100-***	102	111	96	140	20
EPU-150-***	150	161.4	59	200	20
EPU-200-***	200	213.4	28	260	10

#### Common Applications:

- Abrasive Powders
- Pellets
- Wood Shavings
- Fumes
- Vapours

### EUA

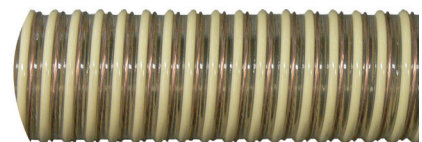
Anti-Static Ducting.



# Part Number	ID (mm)	OD (mm)	Hg Vacuum Rating (mmHg)	 BR (mm)	 Coil Length (metres)
EUA-032-***	32	37.2	147	35	20
EUA-038-***	38	43.6	147	50	20
EUA-050-***	50	56.4	147	70	20
EUA-063-***	63	70.2	118	80	30
EUA-075-***	76	84	118	100	30
EUA-100-***	100	111	96	140	30
EUA-150-***	150	161.4	59	200	20

#### Common Applications:

- Abrasive Powders
- Pellets
- Wood Shavings
- Fumes
- Vapours



PVC Hose  
**A**

Rubber Hose  
**B**

Fittings  
**C**

Merchandiser Stand  
**D**

Chemical Charts  
**E**

PVC Hose  
**A**

Rubber Hose  
**B**

Fittings  
**C**

Merchandiser  
Stand  
**D**

Chemical  
Charts  
**E**



**Rubber**

RUBBER **Hose** HOSE



# AIR & WATER

PVC Hose  
**A**

## 7092

### RED EPDM GENERAL PURPOSE

Economical and versatile general purpose hose suitable for air, water and many agricultural chemicals. The EPDM tube and cover resist heat, sunlight, ozone and weathering suitable for applications such as oil mist lubricating air lines, but NOT suitable for the transfer of petroleum



**P**

# Part Number	ID (mm)	OD (mm)	WP (PSI)	BR (mm)	Coil Length (metres)
7092-25200	6.4	12.7	200	63	243
7092-38200	9.5	16.7	200	90	213
7092-50250	12.7	21.4	250	115	167
7092-50304	12.7	22.2	300	125	152
7092-75200	19.1	28.2	200	150	121
7092-75304	19.1	29.4	300	150	121
7092-100200	25.4	35.7	200	180	91

**Tube:**  
Black EPDM  
**Cover:**  
Red EPDM  
**Reinforcement:**  
Synthetic Ply  
**Temperature Range:**  
-40°C to 100°C

Rubber Hose  
**B**

Fittings  
**C**

## 7093

### BLACK EPDM II GENERAL PURPOSE

Economical and versatile general purpose hose suitable for air, water and many agricultural chemicals. The EPDM tube and cover resist heat, sunlight, ozone and weathering suitable for applications such as oil mist lubricating air lines, but NOT suitable for the transfer of petroleum products.



**P**

# Part Number	ID (mm)	OD (mm)	WP (PSI)	BR (mm)	Coil Length (metres)
7093-19200	4.8	11.1	200	50	243
7093-25200	6.4	12.7	200	63	243
7093-31200	7.9	15.1	200	84	228
7093-38200	9.5	16.7	200	90	213 20*
7093-50200	12.7	20.7	200	115	167 20*
7093-63200	15.9	24.6	200	140	137
7093-75200	19.1	28.2	200	150	121 20*
7093-100200	25.4	35.7	200	180	91

**Tube:**  
Black EPDM  
**Cover:**  
Black EPDM  
**Reinforcement:**  
Synthetic Ply  
**Temperature Range:**  
-40°C to 100°C

Merchandise  
Stand  
**D**

Chemical  
Charts  
**E**

Note: \*Add -020 for 20 meter coil part number.

Note: 7000 series hose reel lengths may vary



## 7094

### RED MPT® II MULTI PURPOSE OIL RESISTANT

Premium high quality, economical hose suitable for air, water and many chemicals. This non-conductive hose exceeds RMA Class A High Oil resistance requirements.



P

# Part Number	ID (mm)	OD (mm)	WP (PSI)	BR (mm)	Coil Length (metres)
7094-25200	6.4	12.7	200	50	243
7094-25300	6.4	14	300	63	243
7094-31300	8	15.9	300	76	228
7094-38200	9.5	16.7	200	97	213
7094-38300	9.5	17.5	300	97	198 20*
7094-50200	12.7	20.7	200	125	152
7094-50250	12.7	21.4	250	125	152
7094-50304	12.7	22.2	300	125	152 20*
7094-63200	15.9	24.6	200	140	137
7094-63304	15.9	27	300	155	137 20*
7094-75200	19.1	28.2	200	190	121
7094-75304	19.1	29.4	300	150	121 20*
7094-100200	25.4	35.7	200	250	91
7094-100304	25.4	36.5	300	200	91 20*
7094-125204	31.8	45.2	200	229	76
7094-150204	38.1	51.6	200	254	61

**Tube:**  
Nitrile

**Cover:**  
Red, electrically non-conductive neoprene

**Reinforcement:**  
Synthetic Ply

**Temperature Range:**  
-29°C to +100°C

Note:\*Add -020 for 20 meter coil part number.

## 7396

### RED SUPER MPT®

Premium oil-resistant multi-purpose hose. Designed to endure tough applications, this super flexible, non-conductive hose exceeds RMA Class A High resistance requirements.



P

# Part Number	ID (mm)	OD (mm)	WP (PSI)	BR (mm)	Coil Length (metres)
7396-125200A	31.8	44.2	200	190.5	122 20*
7396-150200A	38.1	50.4	200	216	122 20*
7396-200200200	50.8	65.2	200	304	61 20*

**Tube:**  
Black Nitrile

**Cover:**  
Red, electrically non-conductive Nitrile/PVC

**Reinforcement:**  
Synthetic Ply

**Temperature Range:**  
29°C to + 100°C

Note:\*Add -020 for 20 meter coil part number.

Note: 7000 series hose reel lengths may vary



PVC Hose  
A

Rubber Hose  
B

Fittings  
C

Merchandise  
Stand  
D

Chemical  
Charts  
E

## 7212

### JIFFY® AIR HOSE (PUSH-ON) MSHA

Oil resistant hose for use with air tools to convey water, mild chemicals and various petroleum products. Light and flexible, designed to quickly assemble with push-on fittings.



P

# Part Number	ID (mm)	OD (mm)	WP (PSI)	BR (mm)	Coil Length (metres)
7212-251BK	6.4	12.7	300	76	152
7212-381BK	9.5	15.9	300	76	152
7212-501BK	12.7	19.1	300	127	152
7212-631BK	15.9	23	300	152	152
7212-751BK	19.1	26.2	300	177	152

**Tube:**  
Black Nitrile  
**Cover:**  
Black Neoprene  
**Reinforcement:**  
One textile braid  
**Temperature Range:**  
-40°C to +100°C  
**Conforms to:**  
MSHA requirements

Note: Suitable to be used with Parker "82" Series fittings.

## 7258

### HURRICANE PRESSURE WASHER HOSE

This hose offers high pressure, high temperature (121°C continuous, 135°C intermittent) service in many industrial pressure washer applications. For use with Parker over-the cover (non skive) "43 series"



P

Part Number	ID (mm)	OD (mm)	WP (PSI)	BR (mm)	Coil Length (metres)
7258-250BL	6.4	12.7	3000	38	152
7258-380BL	9.5	15.7	3000	50	152

**Tube:**  
Black Neoprene  
**Cover:**  
Perforated Blue Neoprene  
**Reinforcement:**  
One wire braid  
**Temperature Range:**  
-40°C to +121°C Continuous /  
+135°C Intermittent  
**WARNING! Not for Steam Service**

## 7247

### BLUE RIBBON PRESSURE WASHER HOSE

Developed specifically for the food process industry, this blue non-marking, oil and fat-resistant hose provides 1500 psi working pressure for efficient



P

Part Number	ID (mm)	OD (mm)	WP (PSI)	BR (mm)	Coil Length (metres)
7247-501BL	12.7	21	1500	81.28	152

**Tube:**  
Black Neoprene  
**Cover:**  
Perforated Blue Neoprene  
**Reinforcement:**  
One wire braid  
**Temperature Range:**  
-40°C to +121°C Continuous /  
+135°C Intermittent  
**WARNING! Not for Steam Service**

Note: 7000 series hose reel lengths may vary





## 7385

### FURNACE DOOR COOLANT HOSE SOFTWALL

Designed for industrial cooling applications with melting furnaces at steel mills, glassworks, foundries, etc. and other work sites that require a hose to withstand high external temperatures. Withstands steel splashes and external heat radiation up to 300°C and internal cooling water temperature



P

# Part Number	ID (mm)	OD (mm)	WP (PSI)	BR (mm)	Coil Length (metres)
7385-1000	25	36.6	150	203	30
7385-1250	32	43.6	150	228	30
7385-1500	38	54	150	304	30
7385-2000	51	68	150	609	30

**Tube:**  
Black SBR

**Cover:**  
Off white Nomex® Fabric

**Reinforcement:**  
Multiple textile plies

**Temperature Range:**  
-28° to + 100°C (internal),  
+300°C (external)

## 7270

### FIRE BOOSTER HOSE

This is a heavy duty hose for high pressure chemical and water booster service on fire engines. Tube and cover compounds are abrasion and weather resistant. Tough yet flexible, for resistance to flexing and surge loads. Meets NFPA 1961 requirements under current RMA specifications. Meets or

exceeds UL92 requirements.



P

# Part Number	ID (mm)	OD (mm)	WP (PSI)	BR (mm)	Coil Length (metres)
7270-752/15BARNH	19.1	29.8	800	178	15
7270-752/60BARNH	19.1	29.8	800	178	60
7270-1002/30BARNH	25.4	38.1	800	203	30
7270-1002/60BARNH	25.4	38.1	800	203	60

Note: Fitted with Barway

**Tube:**  
Black Neoprene

**Cover:**  
Red Neoprene

**Reinforcement:**  
Multiple textile braid

**Temperature Range:**  
-40°C to +83°C

**Conforms to:**  
Meets NFPA 1961 requirements under current RMA specifications. Meets or exceeds UL92 requirements

## 7281

### HOT AIR BLOWER WITH WIRE HELIX (HARDWALL)

This hose is specifically designed to convey hot air at +150°C continuous and +176°C intermittent from the compressor or blower on dry material unloading systems. The EPDM tube and cover offer excellent resistance to heat as well as to weather and ozone.



P

# Part Number	ID (mm)	OD (mm)	WP (PSI)	BR (mm)	Coil Length (metres)
7281-3000	76	90.7	175	406	30 [C]

**Tube:**  
Black EPDM

**Cover:**  
Black EPDM

**Reinforcement:**  
multiple textile braids with wire helix

**Temperature Range:**  
-34°C to +150°/176°C

**WARNING!** Cam and groove type fittings are not recommended for use on this product when used in high temperature applications.

PVC Hose

A

### 9388

#### HOT AIR BLOWER WITHOUT WIRE HELIX (SOFTWALL)

This hose is specifically designed to convey hot air at +150°C continuous and 176°C intermittent from the compressor to tanks during the transfer of dry bulk material.



P

# Part Number	ID (mm)	OD (mm)	WP (PSI)	BR (mm)	Coil Length (metres)
9388-075-***	76	89	116	600	20 [C]

**Tube:**  
Black EPDM  
**Cover:**  
Black wrapped finish EPDM  
**Reinforcement:**  
Synthetic ply  
**Temperature Range:**  
-40°C to + 150°C/176°C

Rubber Hose

B

### 9287

#### WATER DELIVERY

Medium duty, mandrel built, all purpose water discharge hose. Suitable for applications in industrial plants, mines, construction, washdown, street flushing and agriculture.



P

# Part Number	ID (mm)	OD (mm)	WP (PSI)	BR (mm)	Coil Length (metres)
9287-025-***	25.4	35.0	150	NA	20
9287-032-***	32	42.0	150	NA	20
9287-038-***	38	48.0	150	NA	20
9287-050-***	51	61.0	150	NA	20
9287-063-***	64	73.0	150	NA	20
9287-075-***	76	87.0	150	NA	20
9287-100-***	102	114.0	150	NA	20 [C]
9287-150-***	152	169.0	150	NA	20 [C]

**Tube:**  
Black NR blends  
**Cover:**  
Black NR/EPDM blends.  
Resistant to abrasion, ozone & weather  
**Reinforcement:**  
Multiple plies of nylon cord  
**Temperature Range:**  
-40°C to +85°C

Fittings

C

Merchandise Stand

D

Chemical Charts

E

## 9284

### PREMIUM WATER SUCTION & DELIVERY

Heavy duty water suction and delivery hose, for full suction and high discharge pressures. Ideal for water and light slurry discharge, sewerage, grain and pellet delivery.



# Part Number	ID (mm)	OD (mm)	WP (PSI)	BR (mm)	Coil Length (metres)
9284-025-***	25	35.0	150	150	20
9284-032-***	32	42.0	150	190	20
9284-038-***	38	48.0	150	230	20
9284-045-***	45	55.0	150	270	20
9284-050-***	51	61.0	150	310	20
9284-063-***	63.5	75.0	150	380	20
9284-075-***	75	86.5	150	450	20
9284-100-***	102	116.0	150	540	20 [C]

**Tube:**  
Black SBR

**Cover:**  
Black SBR

**Reinforcement:**  
Synthetic ply incorporating twin steel helix

**Temperature Range:**  
-35°C to +70°C

**Suction Rating:**  
0.8 Bar (600mm Hg)

## 9286

### ECONOMY WATER SUCTION & DELIVERY

Medium duty water suction and delivery hose, suitable for many industrial and agricultural applications.



# Part Number	ID (mm)	OD (mm)	WP (PSI)	BR (mm)	Coil Length (metres)
9286-038-***	38	49.0	150	230	20
9286-050-***	51	63.0	150	300	20
9286-075-***	76	89.0	150	600	20
9286-100-***	102	117.0	150	800	20
9286-150-***	152	172.0	150	1200	20 [C]
9286-200-***	203	225.0	150	2400	6 [C]

**Tube:**  
Black SBR

**Cover:**  
Black SBR

**Reinforcement:**  
Synthetic ply incorporating twin steel helix.

**Temperature Range:**  
-10°C to +70°C

## 9285

### CORRUGATED WATER SUCTION & DELIVERY WITH SOFT ENDS

Designed for water suction and discharge where a rugged yet flexible hose is required. Supplied with soft ends to aid in the assembly process.



# Part Number	ID (mm)	OD (mm)	WP (PSI)	BR (mm)	Coil Length (metres)
9285-100-***	100	114.0	44	630	6
9285-150-***	150	165.0	44	1060	6
9285-200-***	200	219.0	44	1600	3

**Tube:**  
Black SBR

**Cover:**  
Corrugated Black SBR,

**Reinforcement:**  
Synthetic ply incorporating twin steel helix.

**Temperature Range:**  
-35°C to +70°C

PVC Hose

A

Rubber Hose

B

Fittings

C

Merchandise Stand

D

Chemical Charts

E

PVC Hose  
**A**

Rubber Hose  
**B**

Fittings  
**C**

Merchandise  
Stand  
**D**

Chemical  
Charts  
**E**

### 9389 YELLOW PNEUMATIC

Air and water hose for general construction and industrial applications.



**P**

# Part Number	ID (mm)	OD (mm)	WP (PSI)	BR (mm)	Coil Length (metres)
9389-012-***	13	21.0	200	70	20 100
9389-020-***	19	30.0	200	120	20 60
9389-025-***	25	37.0	200	150	20 60

**Tube:**  
Black SBR

**Cover:**  
Smooth yellow NR/EPDM blend

**Reinforcement:**  
Synthetic ply

**Temperature Range:**  
-0°C to +70°C

### 9381 AIR & WATER DELIVERY MEDIUM DUTY

A premium hose that offers the versatility of use with both air and water, in many industries including construction, agriculture and mining.



**P**

# Part Number	ID (mm)	OD (mm)	WP (PSI)	BR (mm)	Coil Length (metres)
9381-020-***	19	29.0	145	190	20
9381-025-***	25	35.0	145	250	20
9381-032-***	32	42.0	145	320	20
9381-038-***	38	48.0	145	380	20
9381-050-***	51	61.0	145	510	20
9381-063-***	63	78.0	145	630	20
9381-075-***	76	90.0	145	750	20
9381-100-***	102	122.0	145	1020	20

**Tube:**  
Black SBR

**Cover:**  
Black SBR

**Reinforcement:**  
Synthetic ply

**Temperature Range:**  
-30°C to +70°C

## 9382

### AIR & WATER DELIVER HEAVY DUTY

A robust heavy duty air and water delivery hose for arduous applications in mining, quarries and most heavy industries.



P

# Part Number	ID (mm)	OD (mm)	WP (PSI)	BR (mm)	Coil Length (metres)
9382-012-***	13	23.0	290	75	20 60
9382-020-***	19	31.0	290	115	20 60
9382-025-***	25	37.0	290	150	20 60
9382-032-***	32	46.0	290	200	20 60
9382-038-***	38	54.0	290	250	20 60
9382-050-***	51	67.0	290	400	20 60
9382-063-***	63	81.0	290	500	20 60 [C]
9382-075-***	76	96.0	290	900	20 60 [C]
9382-100-***	102	122.0	290	1200	20 60 [C]

**Tube:**  
Black SBR

**Cover:**  
Black SBR

**Reinforcement:**  
Synthetic ply

**Temperature Range:**  
-30°C to +70°C

PVC Hose  
**A**

Rubber Hose  
**B**

## 9386

### YELLOW AIR & WATER HOSE

Heavy duty/high pressure air and water hose with an oil resistant tube and abrasion resistant cover. This hose is designed for use in the mining and construction industries.



P

# Part Number	ID (mm)	OD (mm)	WP (PSI)	BR (mm)	Coil Length (metres)
9386-025-***	25	37.0	290	150	20
9386-050-***	32	46.0	290	400	20

**Tube:**  
Black NR/NBR blend.  
Resistant to oil mist.

**Cover:**  
Yellow NR/SBR blend.  
Resistant to abrasion, ozone and weather

**Reinforcement:**  
Multiple plies of nylon cord

**Temperature Range:**  
-40°C to +85°C

Fittings  
**C**

Merchandise Stand  
**D**

## MIN40

### STEEL AIR HEAVY DUTY

Designed for the most severe jobs in mining, quarries, construction and industrial applications utilising compressed air. Abrasion, oils, ozone and weather resistant.



P

# Part Number	ID (mm)	OD (mm)	WP (PSI)	BR (mm)	Coil Length (metres)
MIN40-038-***	38	52	580	455	20
MIN40-050-***	51	66	580	600	20

**Tube:**  
Black NBR compound, oil resistant

**Cover:**  
Black SBR/CR rubber compound, resistant to oil, weather and abrasion

**Reinforcement:**  
One steel wire braid

Chemical Charts  
**E**

PVC Hose  
A

## 9385 STEEL AIR HEAVY DUTY

A robust mandrel built air hose for the most severe jobs in mining, quarries, construction and industrial applications utilising compressed air. Oil mist resistant.



P

# Part Number	ID (mm)	OD (mm)	WP (PSI)	BR (mm)	Coil Length (metres)
9385-H-063-***	63	82.5	580	750	20 60 [C]
9385-H-075-***	76	96.5	580	900	20 60 [C]
9385-H-100-***	102	127.0	580	1200	20 60 [C]

**Tube:**  
Black EPDM/NBR compound, oil mist resistant

**Cover:**  
Smooth yellow EPDM

**Reinforcement:**  
Steel wire cord

**Temperature Range:**  
-35°C to +100°C

Rubber Hose  
B

## 9982 COALMASTER® AIR & WATER DELIVERY

FRAS hose specifically for the conveyance of air and water in coal mining applications.



P

# Part Number	ID (mm)	OD (mm)	WP (PSI)	BR (mm)	Coil Length (metres)
9982-010-***	10	20.0	254	120	20 60
9982-012-***	13	23.0	254	150	20 60
9982-020-***	19	29.0	254	240	20 60
9982-025-***	25	36.0	254	300	20 60
9982-032-***	32	46.5	254	380	20 60
9982-038-***	38	52.5	254	450	20 60
9982-050-***	51	65.5	254	600	20 60
9982-063-***	63.5	81.0	254	750	20 60
9982-075-***	76	93.0	254	900	20 60
9982-100-***	100	120.0	254	1200	20 60

**Tube:**  
Black SBR

**Cover:**  
Black, smooth (wrapped finish) CR rubber, fire, oil and weather resistant

**Reinforcement:**  
Synthetic ply

**Temperature Range:**  
-40°C to +100°C

**Conforms to:**  
AS2660/B

Fittings  
C

Merchandise Stand  
D

## 9984 FIRE RESISTANT ANTI-STATIC SUCTION

Heavy duty water suction and delivery hose for full suction and high discharge pressures, it handles sewerage, water and mud.



SD

# Part Number	ID (mm)	OD (mm)	WP (PSI)	BR (mm)	Coil Length (metres)
9984-050-***	51	63.0	145	400	20 60
9984-075-***	76	89.0	145	600	20 60
9984-100-***	102	116.0	145	800	20 60

**Tube:**  
Black SBR

**Cover:**  
Black Neoprene

**Reinforcement:**  
Synthetic ply

**Temperature Range:**  
-40°C to +100°C

**Conforms to:**  
AS2660/C






Chemical Charts  
E

# 9371

## SUPERTEX AIR & WATER DELIVERY

General purpose rubber layflat hose for air and water delivery.



# Part Number	 ID (mm)	 OD (mm)	 WP (PSI)	 BR (mm)	 Coil Length (metres)
9371-050-***	51	55.4	215	NA	100
9371-063-***	65	69.4	215	NA	100
9371-075-***	76	81.2	185	NA	100
9371-090-***	90	95.2	175	NA	100
9371-100-***	102	107.4	145	NA	100
9371-150-***	150	157.8	145	NA	100



**Tube:**  
Black Nitrile

**Cover:**  
Black Nitrile

**Reinforcement:**  
Synthetic high strength

**Temperature Range:**  
-30°C to +70°C

PVC Hose  
**A**

Rubber Hose  
**B**

Fittings  
**C**

Merchandise Stand  
**D**

Chemical Charts  
**E**

# OIL, GAS & FUEL

PVC Hose

A

## 3955

### FUEL LINE & VAPOUR HOSE

For use as either a fuel line hose or for vapour emission purposes. Cover resists deterioration caused by oils, grease, heat and ozone.

Conforms to: SAE J30 R7



P

# Part Number	ID (mm)	OD (mm)	WP (PSI)	BR (mm)	Coil Length (metres)
39553	4.8	10.3	75	50	76
39550	6.4	12.7	50	50	76
39551	7.9	14.3	50	76	76
39552	9.5	15.9	50	90	76

**Tube:**  
Black NBR  
**Cover:**  
Black neoprene  
**Reinforcement:**  
Textile spiral  
**Temperature range:**  
-34°C to +120°C  
**Conforms to:**  
SAE J30 R7

Rubber Hose

B

## CFL

### CARBOPRESS SAE 30R7 FUEL LINE HOSE

Low permeability, fire resistant hose, for fuels, unleaded petrol in car engines, gear box lubricant. Meets SAE J30 R7.

\*Replacement reels on CFL merchandiser



P

# Part Number	ID (mm)	OD (mm)	WP (PSI)	BR (mm)	Coil Length (metres)
CFL-004-015R	4	9.1	58.0	30	15
CFL-005-015R	4.8	10.3	58.0	40	15
CFL-006-015R	6.4	12.7	58.0	55	15
CFL-008-015R	8.0	14.3	58.0	65	15
CFL-010-010R	9.5	15.9	43.5	75	10
CFL-012-040R	12.7	19.9	43.5	100	40

**Tube:**  
Black NBR  
**Cover:**  
Black neoprene  
**Reinforcement:**  
Textile spiral  
**Temperature range:**  
-40°C to +125°C  
**Conforms to:**  
SAE J30 R7

Fittings

C

Merchandiser Stand

D

## AUT

### AUTOGAS LPG DELIVERY HOSE

Low pressure automotive hose, suitable for low pressure delivery of LPG and methane in alternative fuel kits. Designed according to ECE67,01, Annex and Class 8



P

# Part Number	ID (mm)	OD (mm)	WP (PSI)	BR (mm)	Coil Length (metres)
AUT67/110-004	4	9.1	58.0	30	50
AUT67/110-005	5.0	10.3	58.0	40	50
AUT67/110-006	6.0	12.7	58.0	55	50
AUT67/110-010	10.0	14.3	58.0	65	50
AUT67/110-012	12.0	15.9	43.5	75	50
AUT67/110-016	16	19.9	43.5	100	50

**Tube:**  
Black NBR (R<1MΩ/m)  
**Cover:**  
Black CSM (R<1MΩ/m)  
**Temperature range:**  
-30°C to +125°C  
**Conforms to:**  
ECE67,01, Annex 8  
and Class 2

Chemical Charts

E



## 7280

### FLEX-EVER™ 2000 GASOLINE PUMP HOSE

A premium quality fuel dispensing hose suitable for gasohol blend, diesel, leaded, unleaded and oxygenated fuels.



**P**

# Part Number	ID (mm)	OD (mm)	WP (PSI)	BR (mm)	Coil Length (metres)
7280-632A	15.9	26.2	150	75	152 [C]
7280-752A	19.1	29.8	150	100	152 [C]
7280-1002A	25.4	36.9	150	125	152 [C]

**Tube:**  
Black Nitrile  
**Cover:**  
Black Hypalon  
**Reinforcement:**  
Multiple textile braid incorporating dual helix wire  
**Temperature range:**  
-40°C to +82°C

## 7125

### SUPERFLEX AS PETROLEUM DISPENSING HOSE

Superflex AS is a high quality wire braid hose for use dispensing petroleum products and diesel fuels with an ethanol content of 15%. Conforms to AS2683-2000. The hypalon cover is highly resistant to cuts, abrasion, ozone and will not mark the vehicle duco.



# Part Number	ID (mm)	OD (mm)	WP (PSI)	BR (mm)	Coil Length (metres)
7125-631A	16	26.2	36	75	152

Note: Crimp fitting part number -19177-12-10. Steel 3/4" Male NPT

**Tube:**  
Nitrile  
**Cover:**  
Hypalon (Wrapped finish)  
**Temperature range:**  
-40°C to +82°C  
**Conforms to:**  
AS2683-2000

## 7174

### FARM PUMP HOSE

For dispensing oil, leaded, unleaded and diesel fuel from hand pumps, drums and gravity fed pumps.



# Part Number	ID (mm)	OD (mm)	WP (PSI)	BR (mm)	Coil Length (metres)
7174-100052	25	34.9	50	203	122

**Tube:**  
Black Nitrile  
**Cover:**  
Smooth black neoprene  
**Reinforcement:**  
Multiple textile spiral  
**Temperature range:**  
-40°C to +82°C

PVC Hose

**A**

Rubber Hose

**B**

Fittings

**C**

Merchandise Stand

**D**

Chemical Charts

**E**

PVC Hose  
**A**

Rubber Hose  
**B**

Fittings  
**C**

Merchandise  
Stand  
**D**

Chemical  
Charts  
**E**

## SMTR311

### MARINE EXHAUST HOSE

Designed and approved for use in water cooling exhaust gas systems and also as fire resistant fuel hose for crafts.



# Part Number	ID (mm)	OD (mm)	WP (PSI)	BR (mm)	Coil Length (metres)
SMTR311-020-***	19	29.0	44	120	20
SMTR311-025-***	25	35.0	44	150	20
SMTR311-032-***	32	42.0	44	190	20
SMTR311-038-***	38	48.0	44	23	20
SMTR311-045-***	45	55.0	44	270	20
SMTR311-050-***	50	60.0	44	300	20

**Tube:**  
Black smooth NBR rubber

**Cover:**  
Smooth, black, antistatic, synthetic rubber, flame resistant.

**Reinforcement:**  
Multiplies of nylon cords and supported with helix wire.

**Temperature range:**  
-30°C to +100°C

**Conforms to:**  
ISO 7840-A1 DNV MC9, Lloyds Type Approval

**Suction Rating:**  
0.80 bar (600 mm Hg)

## 9230

### CORRUGATED MARINE EXHAUST HOSE

Flexible hose suitable for delivery of cooling water and exhaust gas used in boat engines and pleasure-boats



# Part Number	ID (mm)	OD (mm)	WP (PSI)	BR (mm)	Coil Length (metres)
9230-038-***	38	NA	145	75	20
9230-045-***	44	NA	145	90	20
9230-050-***	51	NA	145	100	20
9230-060-***	60	NA	145	120	20
9230-063-***	63	NA	145	125	20
9230-075-***	76	NA	145	150	20
9230-090-***	90	NA	87	180	20
9230-100	102	NA	87	210	20,40
9230-110-***	110	NA	87	275	40
9230-125	127	NA	87	320	40
9230-140	140	NA	87	355	40
9230-150	152	NA	87	380	40

**Tube:**  
Black NR/SBR compound

**Cover:**  
Black corrugated NR/SBR compound, aging and ozone resistant, heat and abrasion resistant.

**Reinforcement:**  
Steel wire helix and 2 nylon plies up to 100mm. Above this one steel wire helix and 2 rayon plies.

**Temperature range:**  
-30°C to +100°C

**Conforms to:**  
Lloyds type approval

**Suction Rating:**  
550mm Hg

# 9481

## OIL DELIVERY

Used for the transfer and delivery of a wide range of petroleum products up to 50% aromatic content. Twin anti-static copper wires provide the grounding path.



# Part Number	ID (mm)	OD (mm)	WP (PSI)	BR (mm)	Coil Length (metres)
9481-020-***	19	28.0	145	NA	20
9481-025-***	25	35.0	145	NA	20
9481-032-***	32	42.0	145	NA	20
9481-038-***	38	50.0	145	NA	20
9481-045-***	45	56.0	145	NA	20 [C]
9481-050-***	51	65.0	145	NA	20
9481-063-***	63.5	78.0	145	NA	20 [C]
9481-075-***	76	92.0	145	NA	20 [C]
9481-090-***	90	106.0	145	NA	20 [C]
9481-100-***	102	118.0	145	NA	20 [C]

**Tube:**  
Black Nitrile  
**Cover:**  
Black neoprene  
**Reinforcement:**  
Synthetic ply and a static wire  
**Temperature range:**  
-20°C to +80°C

# 9484

## OIL SUCTION & DELIVERY

A lightweight suction and discharge hose for use on hydraulic system return lines and in various petroleum applications products with aromatic content not exceeding 50%.



# Part Number	ID (mm)	OD (mm)	WP (PSI)	BR (mm)	Coil Length (metres)
9484-020-***	19	29.0	150	120	20
9484-025-***	25	35.0	150	150	20
9484-032-***	32	42.0	150	190	20
9484-038-***	38	48.0	150	240	20
9484-045-***	45	55.0	150	270	20 [C]
9484-050-***	51	63.0	150	300	20
9484-063-***	63.5	75.0	150	300	20 [C]
9484-075-***	76	90.0	150	460	20 [C]
9484-090-***	90	104.0	150	540	20 [C]
9484-100-***	102	116.0	150	600	20 [C]
9484-150-***	152	170.0	150	900	10 [C]

**Tube:**  
Black Nitrile  
**Cover:**  
Black, smooth, antistatic NBR/SBR rubber compound  
**Reinforcement:**  
Synthetic ply with steel wire helix  
**Temperature range:**  
-25°C to +80°C  
**Suction Rating:**  
0.80 bar (600mm Hg)

PVC Hose

A

Rubber Hose

B

Fittings

C

Merchandise Stand

D

Chemical Charts

E

PVC Hose  
**A**

## 9486

### OIL-FLO PETROLEUM SUCTION & DELIVERY

A light weight suction and discharge hose designed for various petroleum products with maximum 50% aromatic content.



SD

# Part Number	ID (mm)	OD (mm)	WP (PSI)	BR (mm)	Coil Length (metres)
9486-020-***	19	30.0	145	120	20 60
9486-025-***	25	37.0	145	150	20 60
9486-032-***	32	43.0	145	190	20 60
9486-038-***	38	49.0	145	240	20 60
9486-050-***	51	63.0	145	300	20 60

**Tube:**  
Black NBR Blend. Resistant to oil and fuel

**Cover:**  
Black NBR blend. Resistant to abrasion, oil traces and weather.

**Reinforcement:**  
Multiplies of nylon cords and supported with helix wire.

**Temperature range:**  
-32°C to +85°C

Rubber Hose  
**B**

## 9487

### OIL-FLO PETROLEUM DELIVERY

Used for delivery and transfer of a wide range of petroleum products up to 50% aromatic content.



SD

# Part Number	ID (mm)	OD (mm)	WP (PSI)	BR (mm)	Coil Length (metres)
9487-020-***	19	30.0	145	NA	20 60
9487-025-***	25	37.0	145	NA	20 60
9487-032-***	32	43.0	145	NA	20 60
9487-038-***	38	49.0	145	NA	20 60
9487-050-***	51	63.0	145	NA	20 60

**Tube:**  
Black NBR blend. Resistant to oil and fuel

**Cover:**  
Black NBR blend. Resistant to abrasion, oil traces and weather.

**Reinforcement:**  
Multiplies of nylon cords

**Temperature range:**  
-32°C to +85°C

Fittings  
**C**

Merchandiser  
Stand  
**D**

## 7165

### MARINE FUEL LINE

Low permeation rated fuel line system, which includes a low permeation rated premium fuel tank feed and vent hose used for the transfer of gasoline, alcohol blended fuel, diesel fuels and other petroleum products in the marine industry. This hose meets the SAEJ1527 TypeA1, ISO 7840 A1, ABYC and NMMA standards, including CE certified.



P

# Part Number	ID (mm)	OD (mm)	WP (PSI)	BR (mm)	Coil Length (metres)
7165-38250	10	28.0	145	65	76
7165-50250	12	35.0	145	115	76
7165-63250	16	42.0	145	115	76

**Tube:**  
Nylon Barrier

**Cover:**  
Nitrile/PVC

**Reinforcement:**  
Multiple textile plies and a static wire.

**Temperature range:**  
-15°C to +70°C

**Conforms to:**  
SAEJ1527 TypeA1, ISO 7840 A1, ABYC and NMMA standards, including CE certified.

Chemical  
Charts  
**E**

# STEAM & HOT WATER

## 7079

### ECW™ ECONOMY WHITE WASHDOWN

Primarily designed for use in food plants, breweries and any place a flexible, lightweight washdown hose is needed.



P

# Part Number	ID (mm)	OD (mm)	WP (PSI)	BR (mm)	Coil Length (metres)
707950250-GAA	12.7	23.0	250	70	137.0
707975250-GAA	19.1	32.0	250	125	122.0
707910250-GAA	25	39.0	250	150	92.0

**Tube:**  
White EPDM  
**Cover:**  
White EPDM  
**Reinforcement:**  
Synthetic ply  
**Temperature range:**  
-40°C to +100°C

## 9583

### HOT WASHDOWN

Designed for floor and equipment washdown in dairies, creameries, food processing plants and paper mills.



P

# Part Number	ID (mm)	OD (mm)	WP (PSI)	BR (mm)	Coil Length (metres)
9583-012-***	13	23.0	116	100	20 60
9583-020-***	19	32.0	116	160	20 60
9583-025-***	25	39.0	116	200	20 60

**Tube:**  
White heat resistant SBR  
**Cover:**  
White heat resistant SBR  
**Reinforcement:**  
Synthetic ply  
**Temperature range:**  
-40°C to +100°C

## 9582

### STANDARD STEAM

General purpose hose designed for use with saturated steam.



P

# Part Number	ID (mm)	OD (mm)	WP (PSI)	BR (mm)	Coil Length (metres)
9582-012-***	13	24.0	116	100	20 60
9582-020-***	19	32.0	116	160	20 60
9582-025-***	25	35.0	116	200	20 60
9582-032-***	32	46.0	116	250	20 60 [C]
9582-038-***	38	53.0	116	300	20/60
9582-050-***	51	67.0	116	400	20/60

**Tube:**  
Black EPDM  
**Cover:**  
White EPDM  
**Reinforcement:**  
Synthetic ply  
**Temperature range:**  
-40°C to +170°C

PVC Hose  
**A**

Rubber Hose  
**B**

Fittings  
**C**

Merchandiser Stand  
**D**

Chemical Charts  
**E**

PVC Hose  
**A**

## 7186 CAR HEATER HOSE

Lightweight hose designed for automotive coolant heater hose service.  
Also ideal for low pressure water discharge



**P**

# Part Number	ID (mm)	OD (mm)	WP (PSI)	BR (mm)	Coil Length (metres)
7186-501	12.7	19.8	125	150	152.0
7186-631	15.9	23.0	90	200	152.0
7186-751	19.1	26.2	70	225	137.0

**Tube:**  
Black EPDM  
**Cover:**  
Black EPDM  
**Reinforcement:**  
Synthetic ply  
**Temperature range:**  
-40°C to +170°C

Rubber Hose  
**B**

## 7288/7264 DRAGON BREATH® 250 STEAM HOSE

This hose is designed for saturated steam (250 psi at 207°C) or super heated steam service (250 psi at 232°C). The double wire braid offers maximum strength and can be utilized as a static wire to make the hose assembly electrically conductive. The oil resistant cover makes it ideal for refinery



**P**

# Part Number	ID (mm)	OD (mm)	WP (PSI)	BR (mm)	Coil Length (metres)
7288-502	12.7	26.2	250	180	15
7288-752	19	34.1	250	240	15
7264-1002	25	40.5	250	305	15

**Tube:**  
Black EPDM  
**Cover:**  
Perforated Red Neoprene  
**Reinforcement:**  
One wire braid  
**Temperature range:**  
-30°C to +207°C/232°C

Fittings  
**C**

Note: 7264 Series has a perforated red EPDM cover. Safety Factor 10:1

Merchandiser  
Stand  
**D**

## 9585 STEEL STEAM

High pressure, wire reinforced hose designed to service super heated steam up to +232°C.



**P**

# Part Number	ID (mm)	OD (mm)	WP (PSI)	BR (mm)	Coil Length (metres)
9585-032-***	32	46.5	261	380	20 60 [C]
9585-038-***	38	54.0	261	450	20 60 [C]
9585-050-***	51	67.0	261	600	20 60 [C]

**Tube:**  
Black EPDM  
**Cover:**  
Red EPDM  
**Reinforcement:**  
Steel Ply  
**Temperature range:**  
-40°C to +232°C

Chemical  
Charts  
**E**

# FOOD & BEVERAGE

## 9683

### PREMIUM FOOD DELIVERY

Premium food delivery hose for handling any foodstuffs when, completely odourless and taste-free rubber is required.



**P**

# Part Number	ID (mm)	OD (mm)	WP (PSI)	BR (mm)	Coil Length (metres)
9683-012-***	13	22.0	145	NA	20 60
9683-020-***	19	32.0	145	NA	20 60

**Tube:**  
White butyl foodgrade

**Cover:**  
SBR cover

**Reinforcement:**  
Synthetic ply

**Temperature Range:**  
-35°C to +120°C

**Conforms to:**  
FDA Approved

## 9691/9692

### BEVERAGE & FOOD DELIVERY

Superior quality hose suitable for conveying beer, wine, vinegar, soft and alcoholic drinks, portable water and many other foodstuffs.



**P**

# Part Number	ID (mm)	OD (mm)	WP (PSI)	BR (mm)	Coil Length (metres)
9691-025-***	25	34.0	145	300	20 60 [C]
9691-032-***	32	48.0	145	380	20 60 [C]
9691-038-***	38	55.0	145	450	20 60 [C]
9692-050-***	51	66.5	145	610	20 60 [C]
9692-063-***	63.5	83.0	145	760	20 60 [C]
9692-075-***	76	97.0	145	915	20 60 [C]
9692-100-***	102	125.0	145	1220	20 60 [C]

**Tube:**  
White foodgrade NR

**Cover:**  
Smooth red SBR/EPDM

**Reinforcement:**  
Synthetic ply

**Temperature Range:**  
-30°C to +70°C

**Conforms to:**  
FDA Approved

PVC Hose  
**A**

Rubber Hose  
**B**

Fittings  
**C**

Merchandiser Stand  
**D**

Chemical Charts  
**E**

PVC Hose  
**A**

Rubber Hose  
**B**

Fittings  
**C**

Merchandise Stand  
**D**

Chemical Charts  
**E**

## 9695/9697

### BEVERAGE & FOOD DELIVERY

Flexible suction and delivery hose suitable for conveying beer, wine, vinegar, soft and alcoholic drinks, portable water and many other foodstuffs.



# Part Number	ID (mm)	OD (mm)	WP (PSI)	BR (mm)	Coil Length (metres)
9695-025-***	25	38.0	145	130	20 60 [C]
9695-032-***	32	46.0	145	170	20 60 [C]
9695-038-***	38	52.0	145	210	20 60 [C]
9695-050-***	51	65.5	145	220	20 60 [C]
9697-063-***	63.5	78.5	145	270	20 60 [C]
9697-075-***	76	91.0	145	320	20 60 [C]
9697-100-***	102	119.5	145	420	20 60 [C]

**Tube:**  
White foodgrade NR

**Cover:**  
Red SBR

**Reinforcement:**  
Synthetic ply incorporating one wire helix

**Temperature Range:**  
-30°C to +70°C

**Conforms to:**  
FDA Approved

## 9696

### BEVERAGE & FOOD DELIVERY

Lightweight and flexible hose designed specifically for milk handling. Can be flushed with hot water at 100°C for 2-3 minutes.



# Part Number	ID (mm)	OD (mm)	WP (PSI)	BR (mm)	Coil Length (metres)
9696-050-***	51	62.0	87	200	20 [C]
9696-063-***	63.5	76.0	87	250	20 [C]
9696-075-***	76	88.0	87	300	20 [C]
9696-100-***	102	118.0	87	400	20 [C]

**Tube:**  
White butyl foodgrade

**Cover:**  
White SBR

**Reinforcement:**  
Synthetic ply incorporating twin wire helix

**Temperature Range:**  
-30°C to +70°C

**Conforms to:**  
FDA Approved



# CHEMICAL

## 7108

### PAINT FLUID HOSE

Designed to convey both water and oil based paints. The tube handles ketone solvents, thinners and paints with high aromatics.



**P**

# Part Number	ID (mm)	OD (mm)	WP (PSI)	BR (mm)	Coil Length (metres)
7108-251	6.4	12.4	500	76	152 [C]
7108-381	9.5	17.3	500	102	152 [C]
7108-501	12.7	22.2	750	127	152 [C]

**Tube:**  
Nylon 6/6.6

**Cover:**  
Black neoprene cover

**Reinforcement:**  
Synthetic ply

**Temperature Range:**  
-18°C to +93°C

## 7373T

### BLUE THUNDER CHEMICAL HOSE

The corrugated hose provides flexibility and durability in chemical full suction and discharge applications. The Clear Ultra High Molecular Weight (UHMW) polyethylene tube will handle 98% of the most common chemicals without



**SD**

# Part Number	ID (mm)	OD (mm)	WP (PSI)	BR (mm)	Coil Length (metres)
7373T-1000	25	37.5	200	76	30 [C]
7373T-1250	32	43.2	200	102	30 [C]
7373T-1500	38	49.9	200	127	30 [C]
7373T-2000	51	66.0	200	152	30 [C]
7373T-3000	76	92.6	200	178	30 [C]
7373T-4000	102	118.7	200	203	30 [C]

**Tube:**  
Clear Ultra High Molecular Weight polyethylene (UHMW)

**Cover:**  
Corrugated Blue EPDM

**Reinforcement:**  
Textile plies with helix wire

**Temperature Range:**  
-40°C to +121°C

PVC Hose  
**A**

Rubber Hose  
**B**

Fittings  
**C**

Merchandise Stand  
**D**

Chemical Charts  
**E**

# MATERIAL & HANDLING

PVC Hose  
**A**

## 9781

### DRY MATERIALS PNEUMATIC TRANSFER

Bulk materials handling hose ideal for the pneumatic transfer of cement, sand, gravel, silica, and other abrasive materials.



**P**

# Part Number	ID (mm)	OD (mm)	WP (PSI)	BR (mm)	Coil Length (metres)
9781-100-***	102	119	73	NA	20 60

**Tube:**  
Tan synthetic rubber abrasion resistant

**Cover:**  
Black smooth (wrapped finish) NR/SBR

**Reinforcement:**  
Synthetic ply

**Temperature range:**  
-40°C to +70°C

Rubber Hose  
**B**

## 9788

### MUFF COUPLING HOSE

Dry materials suction and delivery hose designed for the transfer of dry cement, sand, gravel, feed and seeds by suction, gravity or pneumatic pressure.



**SD**

# Part Number	ID (mm)	OD (mm)	WP (PSI)	BR (mm)	Coil Length (metres)
9788-050-***	51	74.0	203	300	20 [C]
9788-075-***	76	103.0	160	450	20 [C]
9788-100-***	102	127.0	116	600	20 [C]
9788-125-***	127	154.0	116	750	20 [C]
9788-150-***	152	183.0	116	900	20 [C]
9788-200-***	204	234.0	116	1600	10 [C]
9788-250-***	254	288.0	203	2000	10 [C]

**Tube:**  
Black SBR abrasion resistant  
**Cover:** Black SBR

**Reinforcement:**  
Synthetic ply incorporating steel helix

**Temperature range:**  
-35°C to +70°C

Fittings  
**C**

Merchandiser Stand  
**D**

## 9784

### CONCRETE PLACEMENT HEAVY DUTY FABRIC

Premium hose suitable for the placement concrete. Its flexible construction allows easy handling. It is extremely crush resistant



**P**

# Part Number	ID (mm)	OD (mm)	WP (PSI)	BR (mm)	Coil Length (metres)
9784-050-***	51	71.0	580	500	20 [C]
9784-063-***	63.5	83.0	580	650	20 60 [C]
9784-075-***	76	104.0	580	750	20 60 [C]
9784-090-***	90	119.0	580	900	20 60 [C]
9784-100-***	102	129.0	580	1000	20 60 [C]

**Tube:**  
Black synthetic rubber abrasion resistant

**Cover:**  
Black smooth (wrapped cover) NR/SBR

**Reinforcement:**  
Synthetic ply

**Temperature range:**  
-40°C to +70°C

Chemical Charts  
**E**

# 9797

## AUSMAFLEX LIGHT DUTY DUST COLLECTOR

A light duty hose used for dust extraction and for light materials handling.



# Part Number	ID (mm)	OD (mm)	WP (PSI)	BR (mm)	Coil Length (metres)
9797-075-***	76	86.0	162	455	20
9797-100-***	102	112.0	123	600	20
9797-150-***	152	164.0	84	900	20[C]

**Tube:**  
Black SBR abrasion resistant  
(3mm thick)

**Cover:**  
Corrugated Black SBR

**Reinforcement:**  
Synthetic ply incorporating  
steel helix

**Temperature range:**  
-35°C to +70°C

PVC Hose

**A**

Rubber Hose

**B**

Fittings

**C**

Merchandise Stand

**D**

Chemical Charts

**E**

PVC Hose

**A**

Rubber Hose

**B**

Fittings

**C**

Merchandise  
Stand

**D**

Chemical  
Charts

**E**



# *Fittings*

# FITTINGS











# CAMLOCKS

The Camlock coupling system provides a quick release fitting that connects hoses to BSP Male and Female threaded ends. Parkers range is manufactured to interchange with other camlocks meeting MIL-C27487/NATO standards. Suited to a wide range of applications.

## MATERIAL

- AC** Aluminium Die Cast
- GP** Aluminium Sand cast
- SS** Stainless Steel
- BZ** Bronze
- PP** Polypropylene

Type	Material	17mm	20mm	25mm	32mm	35mm	38mm	50mm	63mm	75mm	100mm	150mm
<b>A</b>  Male Adaptor to Female BSP	AC						AC-038A	AC-050A		AC-075A	AC-100A	AC-150A
	GP	GP-017A	GP-020A	GP-025A	GP-032A		GP-038A	GP-050A	GP-063A	GP-075A	GP-100A	
	SS		SS-020A	SS-025A	SS-032A		SS-038A	SS-050A	SS-063A	SS-075A	SS-100A	
	BZ		BZ-020A	BZ-025A	BZ-032A		BZ-038A	BZ-050A	BZ-063A	BZ-075A	BZ-100A	
	PP	PP-017A	PP-020A	PP-025A	PP-032A	PP-035A	PP-038A	PP-050A		PP-075A	PP-100A	
<b>B</b>  Female Coupler to Male BSP	AC						AC-038B	AC-050B		AC-075B	AC-100B	AC-150B
	GP	GP-017B	GP-020B	GP-025B	GP-032B		GP-038B	GP-050B	GP-063B	GP-075B	GP-100B	
	SS		SS-020B	SS-025B	SS-032B		SS-038B	SS-050B	SS-063B	SS-075B	SS-100B	
	BZ		BZ-020B	BZ-025B	BZ-032B		BZ-038B	BZ-050B	BZ-063B	BZ-075B	BZ-100B	
	PP	PP-017B	PP-020B	PP-025B		PP-035B	PP-038B	PP-050B		PP-075B	PP-100B	
<b>C</b>  Female Coupler to Hosetail	AC						AC-038C	AC-050C		AC-075C	AC-100C	AC-150C
	GP	GP-017C	GP-020C	GP-025C	GP-032C		GP-038C	GP-050C	GP-063C	GP-075C	GP-100C	
	SS		SS-020C	SS-025C	SS-032C		SS-038C	SS-050C	SS-063C	SS-075C	SS-100C	
	BZ		BZ-020C	BZ-025C	BZ-032C		BZ-038C	BZ-050C	BZ-063C	BZ-075C	BZ-100C	
	PP	PP-017C	PP-020C	PP-025C		PP-035C	PP-038C	PP-050C		PP-075C	PP-100C	
<b>D</b>  Female Coupler to Female BSP	AC						AC-038D	AC-050D		AC-075D	AC-100D	AC-150D
	GP	GP-017D	GP-020D	GP-025D	GP-032D		GP-038D	GP-050D	GP-063D	GP-075D	GP-100D	
	SS		SS-020D	SS-025D	SS-032D		SS-038D	SS-050D	SS-063D	SS-075D	SS-100D	
	BZ		BZ-020D	BZ-025D	BZ-032D		BZ-038D	BZ-050D	BZ-063D	BZ-075D	BZ-100D	
	PP	PP-017D	PP-020D	PP-025D		PP-035D	PP-038D	PP-050D		PP-075D	PP-100D	
<b>E</b>  Male Adaptor to Hosetail	AC						AC-038E	AC-050E		AC-075E	AC-100E	AC-150E
	GP	GP-017E	GP-020E	GP-025E	GP-032E		GP-038E	GP-050E	GP-063E	GP-075E	GP-100E	
	SS		SS-020E	SS-025E	SS-032E		SS-038E	SS-050E	SS-063E	SS-075E	SS-100E	
	BZ		BZ-020E	BZ-025E	BZ-032E		BZ-038E	BZ-050E	BZ-063E	BZ-075E	BZ-100E	
	PP	PP-017E	PP-020E	PP-025E		PP-035E	PP-038E	PP-050E		PP-075E	PP-100E	
<b>F</b>  Male Adaptor to Male BSP	AC						AC-038F	AC-050F		AC-075F	AC-100F	AC-150F
	GP	GP-017F	GP-020F	GP-025F	GP-032F		GP-038F	GP-050F	GP-063F	GP-075F	GP-100F	
	SS		SS-020F	SS-025F	SS-032F		SS-038F	SS-050F	SS-063F	SS-075F	SS-100F	
	BZ		BZ-020F	BZ-025F	BZ-032F		BZ-038F	BZ-050F	BZ-063F	BZ-075F	BZ-100F	
	PP	PP-017F	PP-020F	PP-025F		PP-035F	PP-038F	PP-050F		PP-075F	PP-100F	
<b>DC</b>  Dust Cup	AC						AC-038DC	AC-050DC		AC-075DC	AC-100DC	AC-150DC
	GP		GP-020DC	GP-025DC	GP-032DC		GP-038DC	GP-050DC	GP-063DC	GP-075DC	GP-100DC	
	SS		SS-020DC	SS-025DC	SS-032DC		SS-038DC	SS-050DC	SS-063DC	SS-075DC	SS-100DC	
	BZ		BZ-020DC	BZ-025DC	BZ-032DC		BZ-038DC	BZ-050DC	BZ-063DC	BZ-075DC	BZ-100DC	
	PP		PP-020DC	PP-025DC			PP-038DC	PP-050DC		PP-075DC	PP-100DC	
<b>DP</b>  Dust Plug	AC						AC-038DP	AC-050DP		AC-075DP	AC-100DP	AC-150DP
	GP		GP-020DP	GP-025DP	GP-032DP		GP-038DP	GP-050DP	GP-063DP	GP-075DP	GP-100DP	
	SS		SS-020DP	SS-025DP	SS-032DP		SS-038DP	SS-050DP	SS-063DP	SS-075DP	SS-100DP	
	BZ		BZ-020DP	BZ-025DP	BZ-032DP		BZ-038DP	BZ-050DP	BZ-063DP	BZ-075DP	BZ-100DP	
	PP		PP-020DP	PP-025DP			PP-038DP	PP-050DP		PP-075DP	PP-100DP	

PVC Hose  
**A**

Rubber Hose  
**B**

Fittings  
**C**

Merchandise Stand  
**D**

Chemical Charts  
**E**

# SPECIALTY CAMLOCKS

## TYPE AA – MALE TO MALE ADAPTOR

Size (mm)	Aluminium	Bronze
25	AL-025AA	
32	AL-032AA	
38	AL-038AA	
50	AL-050AA	BZ-050AA
63	AL-063AA	
75	AL-075AA	BZ-075AA
100	AL-100AA	BZ-100AA

## TYPE C – REDUCING CAMLOCK

Size (mm)	Aluminium
50-38mm	AL-050-038C
75-50mm	AL-075-050C
75-63mm	AL-075-063C
100-75mm	AL-100-075C

## TYPE AA – REDUCING MALE TO MALE ADAPTOR

Size (mm)	Aluminium
63-50mm	AL-063-050AA
75-50mm	AL-075-050AA
75-63mm	AL-075-063AA
100-63mm	AL-100-063AA
100-75mm	AL-100-075AA

## TYPE E – REDUCING CAMLOCK

Size (mm)	Aluminium
50-38mm	AL-050-038E
75-50mm	AL-075-050E
75-63mm	AL-075-063E
100-75mm	AL-100-075E

## TYPE BC – FEMALE COUPLER TO BENT HOSE TAIL

Size (mm)	Aluminium 68 deg	Aluminium 90 deg
50	AL-050BC-68	AL-050BC-90
63	AL-063BC-68	AL-063BC-90
75	AL-075BC-68	AL-075BC-90
100	AL-100BC-68	AL-100BC-90
150	AL-150BC-68	

## TYPE LA – MALE ADAPTOR TO FLANGE

Size (mm)	Aluminium
50	AL-050LA
63	AL-063LA
75	AL-075LA
100	AL-100LA
150	AL-150LA



PVC Hose  
**A**

Rubber Hose  
**B**

Fittings  
**C**

Merchandise Stand  
**D**

Chemical Charts  
**E**

# REPLACEMENT CAMLOCK PARTS

PVC Hose  
**A**

Rubber Hose  
**B**

Fittings  
**C**

Merchandiser Stand  
**D**

Chemical Charts  
**E**

REPLACEMENT CAMLOCK PARTS						
Size	SEALS			ARMS		PINS
	Buna	EPDM	Viton	Brass	Stainless Steel	Stainless Steel
20	CSA-WGB-020	CSA-WGE-020	CSA-WGV-020	CSA-WAB-020	CSA-WAS-020	CSA-WPS-020
25	CSA-WGB-025	CSA-WGE-025	CSA-WGV-025	CSA-WAB-025	CSA-WAS-025	CSA-WPS-025
32	CSA-WGB-032	CSA-WGE-032	CSA-WGV-032	CSA-WAB-063	CSA-WAS-063	CSA-WPS-063
38	CSA-WGB-038	CSA-WGE-38	CSA-WGV-038	CSA-WAB-063	CSA-WAS-063	CSA-WPS-063
50	CSA-WGB-050	CSA-WGE-50	CSA-WGV-050	CSA-WAB-063	CSA-WAS-063	CSA-WPS-063
63	CSA-WGB-063	CSA-WGE-63	CSA-WGV-063	CSA-WAB-063	CSA-WAS-063	CSA-WPS-063
75	CSA-WGB-075	CSA-WGE-75	CSA-WGV-075	CSA-WAB-100	CSA-WAS-100	CSA-WPS-100
100	CSA-WGB-100		CSA-WGV-100	CSA-WAB-100	CSA-WAS-100	CSA-WPS-100
150	CSA-WGB-150			CSA-WAB-150		CSA-WPS-150



# BAUER COUPLINGS

Bauer Couplings can be quickly and easily coupled and uncoupled using the lever arm. Alignment tolerances of up to 30° make these couplings most suited for large bore heavy duty hoses typically used in mining. Couplings are stocked with galvanised (BCG) and black non galvanised (BCB) finish for weld on applications.

**Available in the following types**

- MH** – Male Hosetail Couplings
- FH** – Female Hosetail Couplings
- CR** – Lever Closure Ring
- CS** – Coupling Seal
- MF** – Male Flange
- FF** – Female Flange
- MT** – Male BSP Threaded
- FT** – Female BSP Thread
- MW** – Male Weld on
- FW** – Female Weld on



GALVANISED								
Size mm	MH	FH	CR	CS	MF	FF	MT	FT
50	BCG-050MH	BCG-050FH	BCG-050CR	BCG-050CS	BCG-050MF	BCG-050FF		
80	BCG-080MH	BCG-080FH	BCG-080CR	BCG-080CS	BCG-080MF	BCG-080FF		
100	BCG-100MH	BCG-100FH	BCG-100CR	BCG-100CS	BCG-100MF	BCG-100FF	BCG-100MT	BCG-100FT
125	BCG-125MH	BCG-125FH	BCG-125CR	BCG-125CS	BCG-125MF	BCG-125FF		
150	BCG-150MH	BCG-150FH	BCG-150CR	BCG-150CS	BCG-150MF	BCG-150FF	BCG-150MT	BCG-150FT
200	BCG-200MH	BCG-200FH	BCG-200CR	BCG-200CS	BCG-200MF	BCG-200FF		

BLACK NON-GALVANISED			
Size mm	MW	FW	CR
50	BCB-050MW	BCB-050FW	BCB-050CR
80	BCB-080MW	BCB-080FW	BCB-080CR
100	BCB-100MW	BCB-100FW	BCB-100CR
125	BCB-125MW	BCB-125FW	BCB-125CR
150	BCB-150MW	BCB-150FW	BCB-150CR
200	BCB-200MW	BCB-200FW	BCB-200CR

PVC Hose  
**A**

Rubber Hose  
**B**

Fittings  
**C**

Merchandise Stand  
**D**

Chemical Charts  
**E**

# INDUSTRIAL COUPLINGS

## CLAW COUPLINGS

Claw couplings are widely accepted for use by the mining, construction and heavy duty industry for air and water hose assemblies.

Sizes range from 3/8" to 3", with couplings available in hosetail, male BSP and female BSP end styles (NPT available on request)

Type A - Claw Couplings: Standard coupling heads ensure interchangeability of all sizes and coupling styles - Male, Female or Hosetail.

Type S - Surelock Claw Couplings: Originally designed for 38mm and 50mm hose. The range now extends from 10mm to 75mm.



Size mm	TYPE A CLAW			TYPE S CLAW		
	Male BSP	Female BSP	Hosetail	Male BSP	Female BSP	Hosetail
10	QMA-010M	QMA-010F	QMA-010H	QMS-010M	QMS-010F	QMS-010H
12	QMA-012M	QMA-012F	QMA-012H	QMS-012M	QMS-012F	QMS-012H
20	QMA-020M	QMA-020F	QMA-020H	QMS-020M	QMS-020F	QMS-020H
25	QMA-025M	QMA-025F	QMA-025H	QMS-025M	QMS-025F	QMS-025H
32				QMS-032M		QMS-032H
38				QMS-038M	QMS-038F	QMS-038H
50				QMS-050M	QMS-050F	QMS-050H
75				QMS-075M	QMS-075F	QMS-075H

Safety locking pin = QMA-000P  
Size = 10mm-75mm

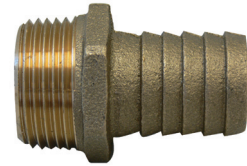
## MUFF COUPLINGS

A heavy-duty aluminium split coupling designed to suit Parker 9788 hose. Available in table D or E.

ALUMINIUM		
Size mm	Table D	Table E
50	MCA-050	MCA-050E
75	MCA-075	MCA-075E
100	MCA-100	MCA-100E
125	MCA-125	MCA-125E
150	MCA-150	MCA-150E
200	MCA-200	MCA-200E
250	MCA-250	MCA-250E
300	MCA-300	MCA300E

PVC Hose  
A  
Rubber Hose  
B  
Fittings  
C  
Merchandise Stand  
D  
Chemical Charts  
E

THREADED COUPLINGS & ADAPTORS						
Size mm	Hose ID	BRASS		POLYPROPYLENE		Replacement Washer
		Female Nut & Tail	Male Lump End	Female Nut & Tail	Male Lump End	
12	12	BRN-012	BRL-012	PPN-012	PPL-012	TNW-012
20	12	BRN-017	BRL-017			TNW-020
20	20	BRN-020	BRL-020	PPN-020	PPL-020	
25	12	BRN-022	BRL-022			TNW-025
25	20	BRN-023	BRL-023	PPN-023	PPL-023	
25	25	BRN-025	BRL-025	PPN-025	PPL-025	
32	25	BRN-027	BRL-027			TNW-032
32	32	BRN-032	BRL-032	PPN-032	PPL-032	
38	32	BRN-037	BRL-037			TNW-038
38	38	BRN-038	BRL-038	PPN-038	PPL-038	
50	38	BRN-047	BRL-047			TNW-050
50	50	BRN-050	BRL-050	PPN-050	PPL-050	
63	63	BRN-063	BRL-063			TNW-063
75	75	BRN-075	BRL-075	PPN-075	PPL-075	TNW-075
100	100	BRN-100	BRL-100			TNW-100



HOSE NIPPLES/JOINERS & STEAM/HIGH PRESSURE FITTINGS					
Size mm	Nipples	Joiners	Male Stems	Ground Joints	Menders
12	CBP-012	HJP-012	MS-012	GJ-012	HPM-012
20	CBP-020	HJP-020	MS-020	GJ-020	HPM-020
25	CBP-025	HJP-025	MS-025	GJ-025	HPM-025
32	CBP-032	HJP-032	MS-032	GJ-032	HPM-032
38	CBP-038	HJP-038	MS-038	GJ-038	HPM-038
50	CBP-050	HJP-050	MS-050	GJ-050	HPM-050
63	CBP-063	HJP-063	MS-063	GJ-063	HPM-063
75	CBP-075	HJP-075	MS-075	GJ-075	HPM-075
100	CBP-100	HJP-100	MS-100	GJ-100	HPM-100
125	CBP-125				
150	CBP-150	HJP-150			
200	CBP-200	HJP-200			



DRAGON BREATH STEAM COUPLINGS			
Female		Hose ID mm	Threaded Female mm
Wing Nut	Grip Nut		
7610-8BWGJF	7613-8BWGJF	12.7	25.4 NPSM
7610-12BWGJF	7613-12BWGJF	19.1	38.1 NPSM
7610-16BWGJF	7613-16BWGJF	25.4	38.1 NPSM



Note: For use with 7288 & 7264 Steam Hose

A PVC Hose

B Rubber Hose

C Fittings

D Merchandiser Stand

E Chemical Charts

# CLAMPS

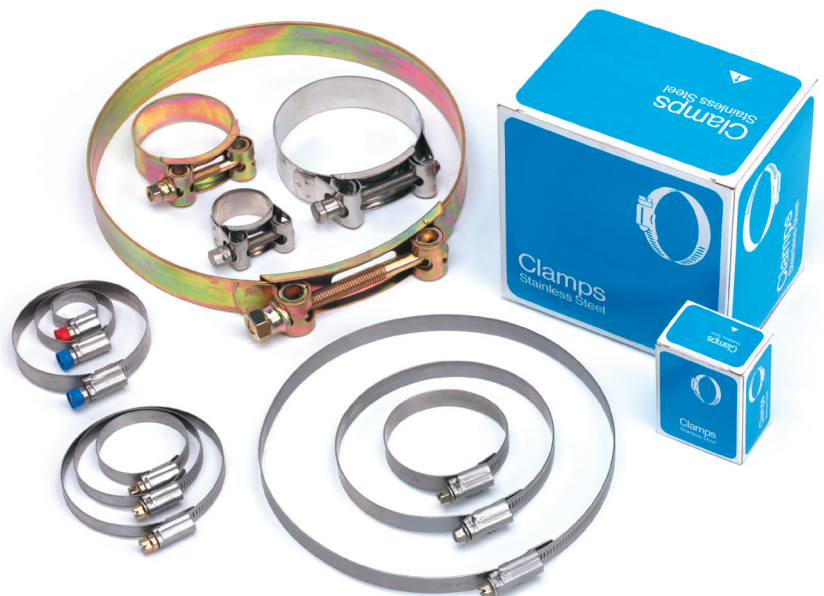
For low pressure clamping applications, Parkers wormdrive and superclamp products include a wide range of sizes and band widths with options for both stainless steel and zinc plated material grades.

## WORMDRIVE CLAMPS

Clamping Range mm	9mm Stainless Steel Band/Zinc Bolt		9mm Stainless Steel Band/Stainless Bolt		13mm Stainless Steel Band/Zinc Bolt		13mm Stainless Steel Band/Stainless Bolt	
	Pack of 10	Loose	Pack of 10	Loose	Pack of 10	Loose	Pack of 10	Loose
8-12		W2L-012						
8-16	W2L-016/10S	W2L-016	W4L-016/10S	W4L-016				
12-22	W2L-022/10S	W2L-022	W4L-022/10S	W4L-022				
16-25		W2L-025		W4L-027				
16-27	W2L-027/10S		W4L-027/10S					
20-32		W2L-032		W4L-032	W1S-032/10S	W1S-032	W4S-032/10S	W4S-032
25-40		W2L-040		W4L-040	W1S-040/10S	W1S-040	W4S-040/10S	W4S-040
30-45		W2L-045		W4L-045				
32-50		W2L-050		W4L-050	W1S-050/10S	W1S-050	W4S-050/10S	W4S-050
40-60		W2L-060		W4L-060	W1S-060/10S	W1S-060	W4S-060/10S	W4S-060
50-70		W2L-070		W4L-070	W1S-070/10S	W1S-070	W4S-070/10S	W4S-070
60-80						W1S-080		W4S-080
70-90					W1S-090/10S	W1S-090	W4S-090/10S	W4S-090
90-110					W1S-110/10S		W4S-110/10S	
110-130					W1S-130/10S		W4S-130/10S	
130-150					W1S-150/10S		W4S-150/10S	
140-160					W1S-160/10S		W4S-160/10S	

## EAR CLAMPS

Clamping Range mm	Part Number
5-7	EC2-070
7-9	EC2-090
9-11	EC2-110
11-13	EC2-130
13-15	EC2-150
14-17	EC2-170
15-18	EC2-180
17-20	EC2-200
20-23	EC2-230
22-25	EC2-250
23-27	EC2-270
25-28	EC2-280
28-31	EC2-310
34-37	EC2-370



PVC Hose  
A

Rubber Hose  
B

Fittings  
C

Merchandise Stand  
D

Chemical Charts  
E

SUPER CLAMPS	
Clamping Range mm	Zinc Band & Bolt
17-19	SC-019
20-22	SC-022
23-25	SC-025
26-28	SC-028
29-31	SC-031
32-35	SC-035
36-39	SC-039
40-43	SC-043
44-47	SC-047
48-51	SC-051
52-55	SC-055
56-59	SC-059
60-63	SC-063
64-67	SC-067
68-73	SC-073
74-79	SC-079
80-85	SC-085
86-91	SC-091
92-97	SC-097
98-103	SC-103
104-112	SC-112
113-121	SC-121
122-130	SC-130
131-139	SC-139
140-148	SC-148
149-161	SC-161
162-174	SC-174
175-187	SC-187
188-200	SC-200
201-213	SC-213
214-226	SC-226
227-239	SC-239
240-252	SC-252

SUPRA CLAMPS	
Clamping Range mm	Stainless Steel Band & Bolt
17-19	W4SC-019
19-21	W4SC-021
21-23	W4SC-023
23-25	W4SC-025
25-27	W4SC-027
27-29	W4SC-029
29-31	W4SC-031
31-34	W4SC-034
34-37	W4SC-037
37-40	W4SC-040
40-43	W4SC-043
43-47	W4SC-047
47-51	W4SC-051
51-55	W4SC-055
55-59	W4SC-059
59-63	W4SC-063
63-68	W4SC-068
69-73	W4SC-073
73-79	W4SC-079
79-85	W4SC-085
85-91	W4SC-091
91-97ç	W4SC-097
97-104	W4SC-104
104-112	W4SC-112
112-121	W4SC-121
121-130	W4SC-130
131-139	SCS-139
140-148	SCS-148
149-161	SCS-161
162-174	SCS-174
175-187	SCS-187
188-200	SCS-200
201-213	SCS-213
214-226	SCS-226
227-239	SCS-239
240-252	SCS-252

BREEZE CLAMPS		
Clamping Range mm	Stainless Steel Band & Zinc Bolt	Stainless Steel Band & Bolt
6-16	91004	92004
11-20	91006	92006
13-23	91008	92008
14-27	91010	92010
17-32	91012	92012
21-38	91016	92016
21-44	91020	92020
27-51	91024	92024
33-57	91028	92028
40-64	91032	92032
46-70	91036	92036
52-76	91040	92040
59-83	91044	92044
65-89	91048	92048
71-95	91052	92052
78-102	91056	92056
84-108	91060	92060
90-114	91064	92064
105-127	91072	92072
117-140	91080	92080
130-152	91088	92088
127-165	91096	92096
156-178	91104	92104
143-216	91128	
181-254	91152	
238-311	91188	

PVC Hose  
**A**

Rubber Hose  
**B**

Fittings  
**C**

Merchandiser Stand  
**D**

Chemical Charts  
**E**

# BAND-IT CLAMPS

Band-it stainless steel clamps, include Band and Buckle, Preformed, Centre Punch and Ultra-lok styles in stainless steel. This widely used clamping system is supported with a comprehensive range of genuine Band-It tools and spare parts to suit.

## Band It® Band & Buckle Clamping 201 Stainless Steel

**Tools:**  
Standard 36-C001  
Giant 36-G402

## Band It® Centre Punch 201 Stainless Steel

**Tools:**  
Standard 36-S38  
Heavy Duty 36-T300

BAND IT BAND 30.5M ROLL AND BUCKLES		
Width mm	201 Stainless Steel Box	Buckles 100 per Box
6.4	36-C202	36-C252
9.5	36-C203	36-C253
12.7	36-C204	36-C254
15.8	36-C205	36-C255
19.1	36-C206	36-C256
25.4	36-G431	36-G441
32	36-G432	36-G442

15.9 MM BAND		
Clamp ID mm	201 Stainless Steel	Qty per box
25	36-CP4S	100
32	36-CP5S	100
38	36-CP6 S	100
45	36-CP7S	100
51	36-CP8S	100
57	36-CP9S	100
63	36-CP10S	50
70	36-CP11S	50
76	36-CP12S	50
89	36-CP14S	50
102	36-CP16S	25
114	36-CP18S	25
127	36-CP20S	25
152	36-CP24S	25
178	36-CP28S	25
203	36-CP32S	25

## Band It® Ultra-Lok 201 Stainless Steel

**Tool:**  
Ultra-Lok 36-UL9000

19.1 MM BAND X .76MM BAND THICKNESS		
Clamp ID mm	201 Stainless Steel Box	Qty per Box
50.8	36-UL227	100
69.9	36-UL210	50
76.2	36-UL211	50
88.9	36-UL212	50
101.6	36-UL213	25
114.3	36-UL214	25
127	36-UL215	25
139.7	36-UL270	25
152.4	36-UL216	25
165.1	36-UL217	25
177.8	36-UL218	25
203.2	36-UL219	25
228.6	36-UL228	10

9.5 MM BAND		
Clamp ID mm	201 Stainless Steel	Qty per Box
20	36-CP3S	100
35	36-CP311S	100

PVC Hose  
A

Rubber Hose  
B

Fittings  
C

Merchandise Stand  
D

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E

**Band It® Preformed Clamps 201 Stainless Steel**

**Tool:**

JR Tool 36-C002

**Adaptors**

Medium 36-J001 - Use with C001 to apply preformed clamps

Clamp ID mm	6.4mm Band Width x .51mm Band Thickness	9.5mm Band Width x .64mm Band Thickness	12.7mm Band Width x .76mm Band Thickness	15.9mm Band Width x .76mm Band Thickness	19.1mm Band Width x .76mm Band Thickness
20.6	36-JS240	36-JS201			
25.4	36-JS242	36-JS243			
31.8			36-JS204	36-JS205	
34.9	36-JS241	36-JS202			
38.1	36-JS252				
44.5			36-JS236	36-JS206	
50.8	36-JS253	36-JS245		36-JS207	36-JS227
57.2				36-JS208	
63.5	36-JS221			36-JS209	
69.9	36-JS256		36-JS230		36-JS210*
76.2	36-JS246		36-JS234		36-JS211*
88.9	36-JS257		36-JS247		36-JS212*
101.6	36-JS248		36-JS249		36-JS213**
114.3					36-JS214**
127					36-JS215**
152.4					36-JS216**

Note: Available in boxes of 100. \*Box of 50. \*\*Box of 25



PVC Hose  
**A**

Rubber Hose  
**B**

Fittings  
**C**

Merchandise Stand  
**D**

Chemical Charts  
**E**

# INDUSTRIAL CLAMPS

PVC Hose  
**A**

Rubber Hose  
**B**

Fittings  
**C**

Merchandise Stand  
**D**

Chemical Charts  
**E**

SPIRAL CLAMPS		
Hose ID mm	Right Hand	Left Hand
38	SPR-038	SPL-038
50	SPR-050	SPL-050
75	SPR-075	SPL-075
100	SPR-100	SPL-100
125	SPR-125	SPL-125
150	SPR-150	SPL-150
200	SPR-200	SPL-200

DOUBLE BOLT CLAW CLAMPS		
Hose ID mm	Hose OD mm	Double Bolt Claw
12	22-27	BCM-012
20	28-32	BCM-020
25	35-42	BCM-025
38	45-53	BCM-038
38	45-53	BCM-038C
50	60-73	BCM-050
50	60-73	BCM-050C

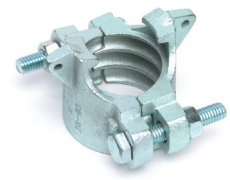
C=Clamp complete with safety chain

HIGH PRESSURE CLAMPS		
Hose ID mm	Hose OD mm	High Pressure
12	24-27	BC2-50A
12	27-30	BC2-50B
20	30-34	BC2-75A
20	34-38	BC2-75B
20	38-43	BC2-75C
25	39-44	BC4-100
25	36-40	BC4-100A
25	41-47	BC4-100B
25	48-52	BC4-100C
32	52-57	BC4-125
38	53-58	BC4-150A
38	57-62	BC4-150B
50	63-71	BC4-200A
50	70-78	BC4-200B
50	78-87	BC4-200C
63	89-100	BC4-250
75	97-106	BC4-300A
75	108-122	BC4-300C
100	124-135	BC6-400A

DOUBLE BOLT CLAMPS	
Hose OD mm	Double Bolt
17-22	DBC-0022
22-29	DBC-0029
28-34	DBC-0034
32-40	DBC-0040
39-49	DBC-0049
48-60	DBC-0060
60-76	DBC-0076
77-94	DBC-0094
95-114	DBC-0115
89-101	DBC-0400
103-113	DBC-0463
113-127	DBC-0525
127-140	DBC-0550
140-157	DBC-0600
155-175	DBC-0675
176-194	DBC-0769
195-208	DBC-0818
210-225	DBC-0875
227-251	DBC-0988
284-330	DBC-1275



DBC - Double bolt clamps for medium pressure applications. Sizes Range from 17mm - 22mm to 28mm - 330mm.



Double bolt clamps with an extended finger to attach to the safety collar of high pressure fittings. Available in:  
Heavy Duty - BCM  
2 Bolt - BC2  
4 Bolt - BC4  
6 Bolt - BC6



Spiral Clamps to clamp hoses with corrugated covers that spiral in a right hand (SPR) or left hand (SPL) direction.



# GAUGES, STRAINERS & NOZZLES

## GAUGES

Liquid filled pressure gauges for general industrial applications where a hostile environment or longer life is required. 63mm enclosed in a stainless steel case 1/4" bottom entry ports with brass internals.

WP BAR	Part Number
0-1	PGB63-T04-001
0-2	PGB63-T04-002
0-3	PGB63-T04-003
0-4	PGB63-T04-004
0-6	PGB63-T04-006
0-7	PGB63-T04-007
0-8	PGB63-T04-008
0-10	PGB63-T04-010
0-14	PGB63-T04-014
0-16	PGB63-T04-016
0-25	PGB63-T04-025
0-40	PGB63-T04-040
0-80	PGB63-T04-080
0-100	PGB63-T04-100
0-200	PGB63-T04-200
0-250	PGB63-T04-250
0-400	PGB63-T04-400



## STRAINERS

Hosetails with strainers for suction hose applications in galvanised steel from 38mm to 200mm and polypropylene from 32mm to 75mm.

Size mm	Galvanised	Polypropylene
32		PPS-032
38	SRH-038	PPS-038
50	SRH-050	PPS-050
63	SRH-063	
75	SRH-075	PPS-075
100	SRH-100	
150	SRH-150	
200	SRH-200	



PVC Hose  
**A**

Rubber Hose  
**B**

Fittings  
**C**

Merchandise Stand  
**D**

Chemical Charts  
**E**

PVC Hose  
A  
Rubber Hose  
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Chemical Charts  
E

## NOZZLES

Hose nozzles suited for Fire Hose Reels and for spraying in both agricultural and general industrial applications. Made from tough Polycarbonate Polymer for extended service life

POWER JET NOZZLES		
Size mm	Large 38mm Female BSP	Small 25mm Female BSP
25		PJS-025
38	PJN-038	

ADAPTORS TO SUIT POWER JET NOZZLES		
Hose Size mm	Large (PJN)	Small (PJS)
20	NAP-038-020	NAP-025-020
25	NAP-038-025	NAP-025-025
32	NAP-038-032	NAP-025-032
38	NAP-038-038	

POWER SPRAY	
Size mm	20mm Female BSP
20	PSN-020*

\* Made from Nylon 6

ADAPTORS TO SUIT POWER SPRAY & FIRE REEL NOZZLES	
Hosetail Size mm	Adaptor to Suit
12	NAP-020-012
20	PPL-020
25	NAP-020-25

FIRE REEL	
Size mm	20mm Female BSP
20	FQN-020

BRASS BALL VALVE NOZZLE	
Hosetail Size mm	6mm Nozzle Outlet
20	RBN-020H





# Merchandiser

# MERCHANDISER *Stands*



# PVC

## PVC HOSE MERCHANDISER STAND

A retail stand to effectively display and dispense Parkers range of Industrial PVC hose. Comes complete with 14 spools of quality PVC tubing and pressure hose. It also includes 6 replacement reels of our fastest moving stock.

Part Number: PVC-HMS-001



### PVC HOSE MERCHANDISER REPLACEMENT REELS

HSL - 012 - 070R	CAC - 006 - 060R
HHW - 012 - 050R	CAC - 008 - 050R
HSY - 012 - 050R	CAC - 010 - 070R
CVT - 005 - 100R	CAC - 012 - 050R
CVT - 006 - 100R	NTP - 006 - 060R
CVT - 008 - 090R	NTP - 008 - 050R
CVT - 010 - 100R	NTP - 010 - 070R
CVT - 012 - 080R	NTP - 012 - 050R

PVC Hose  
**A**

Rubber Hose  
**B**

Fittings  
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Merchandiser Stand  
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Chemical Charts  
**E**

# FUEL & GAUGES

## FUEL HOSE MERCHANDISER

A compact display stand with Carbopress SAE J30 R7 Fuel Line, anti-static (R<1MΩ/m) with aromatic content not exceeding 50%. Low permeability, fire resistant hose for fuels, unleaded petrol in car engines and gear box lubricant. Supplied with 4 x 15 metre hose reels and 2 x 10 metre hose reels.

**Part Number: CFL-HMS-001**

Part Number	ID (mm)	OD (mm)	WP (PSI)
CFL-004-015R	4	9.1	58
CFL-005-015R	4.8	10.3	58
CFL-006-015R	6.4	12.7	58
CFL-008-015R	8.0	14.3	58
CFL-010-010R	9.5	15.9	43.5
CFL-012-040R	12.7	19.9	43.5



## GAUGE MERCHANDISER

A stand to display Parkers range of glycerin filled pressure gauges. It comes complete with one of each gauge and the merchandiser stand.

**Part Number: PGB-STAND-001**

<b>P</b>	Pressure
<b>G</b>	Gauge
<b>B</b>	Bottom Entry
<b>T</b>	Tapered
<b>04</b>	1/4" Thread
	WP in bar



### Part Number

PGB63-T04-001	PGB63-T04-025
PGB63-T04-002	PGB63-T04-040
PGB63-T04-003	PGB63-T04-060
PGB63-T04-004	PGB63-T04-070
PGB63-T04-006	PGB63-T04-080
PGB63-T04-007	PGB63-T04-100
PGB63-T04-008	PGB63-T04-200
PGB63-T04-010	PGB63-T04-250
PGB63-T04-014	PGB63-T04-400
PGB63-T04-016	

PVC Hose  
**A**

Rubber Hose  
**B**

Fittings  
**C**

Merchandiser Stand  
**D**

Chemical Charts  
**E**

<b>A</b>	PVC Hose
<b>B</b>	Rubber Hose
<b>C</b>	Fittings
<b>D</b>	Merchandiser Stand
<b>E</b>	Chemical Charts



# ***Chemical Charts***

CHEMICAL CHARTS



# Chemical Guide

The Chemical Guides in this section are offered as a general indication of the compatibility of the various materials used in Parker hose with the chemicals and fluids listed. The basis for the ratings in this guide include actual service experience, the advice of various polymer suppliers, and the considered opinion of our rubber chemists. When in doubt, a sample of the compound should always be tested with the particular chemical it is to handle. Some of the variables that come into play in the resistance of a compound to a chemical attack are:

- 1. Temperature of the Material Transmitted:** Higher temperatures increase the effect of chemicals on rubber compounds. The increase varies with the polymer and the chemical. A compound quite suitable at room temperature might fail very quickly at higher temperatures.
- 2. Service Conditions:** A rubber compound usually swells when exposed to a chemical. With a given percent of swell, a hose tube may function satisfactorily if the hose is in a static condition, but may fail quickly if the hose is subject to flexing.
- 3. The Grade or Blend of the Rubber Compound:** Basic rubber polymers are sometimes mixed or blended together to enhance a particular property for a specific service. As an example, the NBR used as the tube material for Parker/Dayco aircraft refueling hose may vary slightly in its makeup from the NBR used in the tube of Thoro-Flo Multi-Purpose hose. The reaction to a particular chemical may, therefore, be somewhat different.

When in doubt, a sample of the compound should always be tested with the particular chemical it is going to handle.

**GENERAL CHEMICAL RESISTANCE OF PARKER HOSE COMPOUNDS. SEE THE FOLLOWING PAGES FOR SPECIFIC APPLICATIONS.**

Common Name	ASTM Designation D1418-64	Composition	General Properties	Hose Element
Buna-N or Nitrile	NBR	Nitrile-Butadiene	Excellent oil resistance. Good physical properties.	Tube/Cover
Cross Linked Polyethylene	XPE	Cross Linked Polyethylene	Excellent resistance to most solvents, oils and Tube Polyethylene chemicals. Do not confuse with chemical properties of standard polyethylene.	Tube
EPT or EPDM	EPDM	Ethylene-propylene-dieneterpolymer	Good general purpose polymer. Excellent heat ozone, and weather resistance. Not oil resistant.	Tube/Cover
Flouorcarbon	TFE	Polytetra-flouroethylene	Excellent chemical and solvent resistance, inert to most resin (Teflon) flouroethylene materials. Smooth anti-adhesive surface – easily cleaned.	Tube
GRS or SBR	SBR	Styrene-Butadiene	Good physical properties, including abrasion resistance. Not oil resistant. Poor weathering and ozone resistance.	Tube/Cover
Hypalon	CSM	Chloro-sulfonated	Excellent ozone, weathering and acid resistance. Good abrasion polyethylene Good abrasion and heat resistance. Can be compounded for good oil resistance.	Tube/Cover
Natural	NR	Isoprene Rubber (Natural)	Excellent physical properties, including abrasion resistance. Not oil resistant.	Tube
Neoprene	CR	Chloroprene	Excellent weathering resistance. Flame retarding. Good oil resistance. Good physical properties.	Tube/Cover
Chlorinated polyethylene	CM	Chloropolyethylene	Good long term resistance to UV and weathering. Good oil and chemical resistance. Excellent flame resistance. Good low temperature impact resistance.	Tube
Viton	FKM	Fluorocarbon rubber	Excellent high temperature resistance, particularly in air or oil. Very good chemical resistance.	Tube/Cover
Epichlorohydrin	ECO	Ethylene oxide Chloromethyl	Excellent oil and ozone resistance. Fair flame resistance and low permeability to gases. Good low temperature properties.	Tube/Cover
Butyl	IIR	Isobutene-isoprene	Very good weathering resistance, low permeability to air. Good physical properties. Poor resistance to petroleum based fluids.	Tube/Cover
Ultra-High Molecular Weight Polyethylene	UHMW	Ultra-High Molecular Weight Polyethylene	Excellent chemical resistance.	Tube

PVC Hose  
**A**

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Fittings  
**C**

Merchandiser Stand  
**D**

Chemical Charts  
**E**





# INDUSTRIAL HOSE CHEMICAL RESISTANCE GUIDE

**WARNING:** The following data is based on tests and believed to be reliable; however, the tabulation should be used as a guide ONLY, since it does not take into consideration all variables, such as elevated temperatures, fluid contamination, concentration, etc. that may be encountered in actual use. All critical applications should be tested.

Contact Parker for recommendation and assistance. Note: All data based on 20°C unless otherwise noted.

**KEY:** E = Excellent, G = Good, C = Conditional, Blank = No Data, X = Not Satisfactory

Trade Name	Description	ASTM Codes	Parker Codes	Trade Name	Description	ASTM Codes	Parker Codes
Butyl	Isobutylene-Isoprene	IIR	BU	Nylon	Nylon Polymer	—	NL
CPE	Chlorinated Polyethylene	CM	CP	SBR	Styrene-Butadiene	SBR	SB
EPDM	Ethylene Propylene-Diene	EPDM	EP	Santoprene	Ethylene Propylene-Diene	EPDM	SP
Hypalon	Chlorosulfonyl Polyethylene	CSM	CS	Teflon	Fluorocarbon Resin	TFE	TF
Hytrel	Thermoplastic Polyester	—	HY	UHMW	Ultra-High Molecular Weight Polyethylene	—	UHMW
Natural	Natural Rubber	NR	NR	Urethane	Urethane	AU	AU
Neoprene	Polychloropren	CR	CR	Viton	Floroelastomer	FKM	VI
Nitrile	Acrylonitrile	NBR	NI	XLPE	Cross-Linked Polyethylene	XPE	XP

PVC Hose

**A**

Rubber Hose

**B**

Fittings

**C**

Merchandise Stand

**D**

Chemical Charts

**E**

**A** PVC Hose

**B** Rubber Hose

**C** Fittings

**D** Merchandiser Stand

**E** Chemical Charts

Chemical or Material Conveyed	Butyl	CPE	EPDM	Hypalon	Hytrel	Natural	Neoprene	Nitrile	Nylon	SBR	Santo-prene	Teflon	UHMW	Urethane	Viton	XLPE
1 UNDECANOLE	E			E		E		E				E			G	E
G		G	X		X	X	X	E	X		E		X	X	E	
1-AMINO-2-PROPANOL	E			C		G		G				E			X	
1-AMINOBUTANE	X		C	C		X	X	C		X		E		X	X	
1-AMINOPENTANE	G		X	G		G	X	C				E			X	
1-BROMO-2 METHYL PROPANE	X			X		X	X	X				E			G	
1-BROMO-3 METHYL BUTANE	X		X	X		X	X	X				E			G	
1-BROMOBUTANE	X			X		X		X				E			G	
1-CHLORO-2-METHYL PROPANE	X			X		X		X				E			G	
1-CHLORO-3-METHYL BUTANE	C		X	X		X	X	X	E			E			E	
1-DECANOL	C			E		C	X	E				E			G	E
1-HENDACONAL		E														
2 (2AMINOETHYLAMINO)																
ETHANOL	E			G		G		G								
2 (2ETHOXYETHOXY) ETHANOL	E		G	G		C	C	G	E	G		E		X	G	
2 (2ETHOXYETHOXY)																
ETHYL ACETATE	G		X	G		X	X	C		X		E		X	G	
2,4-DI-SEC-PENTYLPHENOL		E														
2-AMINOETHANOL	E		G	G		G	G	G				E		C	X	
2-CHLORO-1-HYDROXY-BENZENE		C														
2-CHLOROPHENOL	G	G	X	C	X	X	X	X	X	X	X	E		X	E	G
2-CHLOROPROPANE	X		X	X		X	X	X	X	X		E		X	E	E
2-ETHOXYETHANOL	G		G	C		C	C	G		X		E		X	C	
2-ETHOXYETHYL ACETATE	G	X	G	X	X	X	X	X	G	X		E		X	X	
2-ETHYL (BUTYRALDEHYDE)	G			X		X		X				E		X	E	
2-ETHYL-1-HEXANOL	E		E	E		E	E	E		E	E	E		X	E	E
2-ETHYLHEXANOIC ACID	C			G		C		C				E				
2-ETHYLHEXYL ACETATE	E			E		X		X				E			X	
2-OCTANONE	G			X		X		X				E			X	
3-BROMOPROPENE	X			X		X	X	X				E			G	
3-CHLORO-2-METHYL PROPANE		G														
3-CHLOROPROPENE	C		X	X		X	X	G		E		E			G	
4-HYDROXY-4-METHYL																
2-PENTANONE	E		E	C	C	C	C	X	G	C		E		X	X	
ACETALDEHYDE	E		E	C	G	X	X	X	E	X	E	E	G	X		E
ACETIC ACID, GLACIAL	G	E	G	C	E	X	X	G	X	C	G	E	E	X	X	
ACETIC ACID-10%	E	E	E	E	X	B	B	X	E	F	B	E	E	X	E	E
ACETIC ACID-50%	E	E	E	E	C	X	C	C	C	X		G	E	X	G	G
ACETIC ANHYDRIDE	G	E	G	E	C	C	G	X	X	X	G	E	G	X	X	E
ACETIC OXIDE	G		B	E		X					B	E		G	X	E
ACETONE	E	G	E	X	C	C	X	X	E	C	E	E	E	X	X	E
ACETONE CYANOHYDRIN	E			C		C	B	X			E	E	G	X	X	E
ACETONITRILE			E	G		B	E	C			E	E				
ACETOPHENONE	G		E	X		X	X	X		X	E	F	X	X	X	X
ACETYL ACETONE	E	G	E	X		X	X	X		X	E	E	E	X	X	E
ACETYL CHLORIDE	X	E	C		X		X	X	X	X	C	E	G	X	G	G
ACETYL OXIDE	E		G	X		C		X			G	E	E		X	E
ACETYLENE	E	G	E	C	G	G	E	E	E	C	E	E	E	G	E	E
ACETYLENE DICHLORIDE	C		C	X		X	X	X			E	E			E	E
ACETYLENE TETRACHLORIDE	X		X	X		X	X	X			E	E			E	
ACROLEIN	E		E	G		G	C	C		C		E	X	X		E
ACRYLIC ACID		E														
ACRYLONITRILE	X	E	X	C		C			E	C		E	C	X		C
ADIPIC ACID			E			E	E	E				E		E	E	
AIR, +300F	G		G	G		X	G	G		X	E		X	C		
ALK-TRI	X			X		X		X				E			E	E
ALLYL ALCOHOL	E		E	E		E	E	E				E	E		G	E
ALLYL BROMIDE	X			X		X						E	G		G	G
ALLYL CHLORIDE		G		X		X		G		G		E	G		G	G



Chemical or Material Conveyed	Butyl	CPE	EPDM	Hypalon	Hytrek	Natural	Neoprene	Nitrile	Nylon	SBR	Santo-prene	Teflon	UHMW	Urethane	Viton	XLPE
ALUM	E	E	E	E		E	E	E	G			E	E		E	E
ALUMINUM ACETATE (AQ)	G	E	E			E	G	G		X		E	E	X	X	E
ALUMINUM CHLORIDE (AQ)-40%	G	C				E	E	G	X			E	E			E
ALUMINUM FLUORIDE	E		E	E		E	E	E	G	E		E	E	C	E	E
ALUMINUM FORMATE	G			X		X						E	E		E	
ALUMINUM HYDROXIDE	E		E	G		E	E	E	G	G		E	E	G		
ALUMINUM NITRATE (AQ)	E	E	E	E		E	E	E		E		E	E	C	E	E
ALUMINUM SULFATE (AQ)	E	E	E	E	G	E	E	E	E	G	E	E	E	G	E	E
ALUMS-NH3-CR-K	E		E	E		E	E	E	C	E		E	E	G		E
AMINES-MIXED	G		G	X	G	G		X		G				X	X	C
AMINO XYLENE	G		C												C	
AMINO BENZENE		G							C							
AMINODIMETHYLBENZENE	G	C										E				
AMINOETHANE	G		E	C		C	X	X		C		E		X	X	
AMMONIUM CARBONATE (AQ)	E		E	G		E	E	G	G	E		E		E	E	
AMMONIUM CHLORIDE (AQ)	E	G	E	G	E	E	E	G		E	E	E	E	G	E	E
AMMONIUM HYDROXIDE	E	E	E	E								E	E	X	E	E
AMMONIUM NITRATE (AQ)	E	G	E	E	G	E	E	E	G	E		E	E	E	E	E
AMMONIUM PHOSPHATE, DIBASIC	E	E	E	E		E	E	E	E	E		E	E	E	E	E
AMMONIUM SULPHATE (AQ)	E	E	E	E	G	E	E	E	G	G		E	E	E	E	E
AMMONIUM SULPHITE	E		E	E		E	E	E		E		E			E	E
AMMONIUM THIOSULPHATE	E		E	E		E	E	E		E		E			E	E
AMYL ACETATE	G		E	X	C	X	X	X	G	X	X	E	E	X		E
AMYL ACETONE	G			X		X						E			X	E
AMYL ALCOHOL	E	E	E	E	E	E	E	G	E	E	E	E	E	X	E	E
AMYL AMINE	G			C		C		C				E				
AMYL BROMIDE												E			G	
AMYL CHLORIDE	X	C	X	X		X	X		E	X		E	E	C	E	G
AMYL ETHER				C				C				E				
ANETHOL	X	X		X		X			G			E	G		G	G
ANILINE	E	G	G	X	X	X	X	X	C	X		E	E	X	C	E
ANILINE DYES	G		G	G		G	C	X	X	G		E	E	X	C	E
ANILINE OIL	G	G	C									E		X	C	E
ANIMAL FATS	C		E	C	G		G	E	E	X	E	E	E	C	E	E
ANTIMONY CHLORIDES	E		E	G			X	G				E	E		E	E
AQUA REGIA	X		G	X		X	X	X		X		E	X	X	E	X
ARGON G	E	X	E	X	X	E	E	X	E	E	E	E	E			
ARSENIC ACID	E	E	E	E		G	E	E	G	E		G	E	C	E	E
ASPHALT	X		X	X	C	X	X	X	E	X	E	E	X	G	E	X
ASTM FUELA	X	E	X	G	E	X	G	E	E	X	X	E	G	G	E	G
ASTM FUEL B	X	G	X	X	E	X	X	X	E	X	X	E	G	G	E	G
ASTM FUEL C	X	C	X	X	E	X	X	X	E	X	X	E	G	G	E	G
ASTM OIL NO. 2	X	E	X	X	E	X	G	E	E	X	X	E	E	G	E	E
ASTM OIL NO. 3	X		X	G	E	X	C	E	E	X	X	E	E	E	E	E
ASTM OIL NO. 4	X		X	X		X	X	G		X		E	E	X	E	E
ASTM OIL NO.1	X	E	X	G	E	X	E	E	E	X	X	E	E	E	E	E
AUTOMATIC TRANSMISSION FLUID	X	X	C	E	X	G	E	G	X	X	E	E	G	E	E	E
BANANA OIL			G	C				X		X		E	E			E
BARIUM CHLORIDE (AQ)	E	G	E	E	G	E	E	E	G	E		E	E	E	E	E
BARIUM HYDROXIDE (AQ)	E	G	E	E	G	E	E	E	G	E		E	E	E	E	E
BARIUM SULFIDE (AQ)	E		E	E		E	E	E		G		E	E	E	E	E
BEER	E		E	E		E	G	E		E		E	E		E	E
BEET SUGAR LIQUORS	E	G	E	E	G	E	G	E	E	E		E	E	X	E	E
BENZAL CHLORIDE	G											E			E	E
BENZALDEHYDE	G		E	X	G	X	X	X	E	X	X	E	E	X	X	E
BENZENE	X	C	X	X	C	X	X	X	G	X	X	E	G	X	G	E
BENZENE CARBOXYLIC ACID	E			X			E	X				E			E	
BENZINE	X		X	X		X	C	C	G	X		E		C	E	E
BENZOIC ACID	X					X	E	X	E	X		E	E		E	E

**A** PVC Hose  
**B** Rubber Hose  
**C** Fittings  
**D** Merchandiser Stand  
**E** Chemical Charts



**A** PVC Hose

**B** Rubber Hose

**C** Fittings

**D** Merchandiser Stand

**E** Chemical Charts

Chemical or Material Conveyed	Butyl	CPE	EPDM	Hypalon	Hytrel	Natural	Neoprene	Nitrile	Nylon	SBR	Santo-prene	Teflon	UHMW	Urethane	Viton	XLPE
BENZOL		C	X		C			X	G			E	G		G	
BENZOTRICHLORIDE												E	G			G
BENZYL ACETATE	E			G		X						E	E		X	E
BENZYL ALCOHOL	G		G	G	C	X	X	X	C	X	X	E	E	X	E	E
BENZYL CHLORIDE	X	X	X	X		X	X	X		X		E	E		E	E
BENZYL ETHER	G		C	X		X	X	X		X		E	E	G	X	
BIS(2-CLOROETHYL) ETHER	X			X		X		X		X		E				
BLACK SULFATE LIQUOR	G	C	G	G	G	G	G	G	C	G		E	E	X	E	
BLEACH (2-15%)	G		E	E	G	X	X	X	C	X		E	E	X	E	G
BORAX SOLUTION	E	G	E	E	E	G	E	G	G	G		E	E	E	E	E
BORIC ACID	E		E	E	E	E	E	E	G	E	E	E	E	E	E	E
BRAKE FLUID (HD-557) 12 DAYS	G	E	E	G		G	C	E	E	E		E	E		X	E
BRINE	E	G	E	E	G	E	G	E	G			E	E		E	E
BROMACIL			E													
BROMOBENZENE	X	X	X	X		X	X	X		X		E	C	X	E	C
BROMOCHLOROMETHANE	X	X	G	X		X	X	X				E			C	
BROMOETHANE	X		X	X		C	X	G		X		E		X	E	
BROMOTOLUENE	X	X	X	X	X	E	G	F								
BUGDIOXANE																E
BUNKER OIL	X		X	X		X	X	E		X		E	E	G	E	E
BUTADIENE	X		X	X		X	X	X		X		E	E	X	G	E
BUTANE	X		X	X	E	X	C	E	E	X		E	E	X	E	E
BUTANOIC ACID			G	C								E			G	
BUTANOL (BUTYL ALCOHOL)	G	G	G	E	G	E	E	E	G	E	G	E	E	X	E	E
BUTANONE	E	G	E	X	E			X	G		X	G	E	X		E
BUTOXYETHANOL	E		E	X		X	X	C				E		E		
BUTYL ACETATE	X	C	X	X	C	X	X	X	G	X		X	E	X	X	E
BUTYL ACRYLATE	X		X	X		X	X	X				E	G		X	G
BUTYL ALCOHOL	G	G	G	E	G	E	E	E	G	E	G	E	E		E	E
BUTYL ALDEHYDE	G		G	C			C				G	E	E	C	X	E
BUTYL BENZYL PHTHALATE	E			X		X				X		E	E		C	E
BUTYL CARBITOL	E		E	X		X	C	X		X		E	E		C	C
BUTYL CELLOSOLVE	E		G	X		X	X	C		X	E	E	E		X	E
BUTYL CHLORIDE	C			X		X						E	C		E	G
BUTYL ETHER	X		X	X		X	X	X		X		E	E	G	X	E
BUTYL ETHER ACETALDEHYDE	G		X	X		X			X			E	E		X	E
BUTYL ETHYL ETHER	X			X		X		G				E	E			E
BUTYL OLEATE	G		G	X		X	X	X		X		E			E	
BUTYL PHTHALATE	G		E	X		X				X		E			C	E
BUTYL STEARATE	X		X	X		X	X	G		X		E	E	G	E	E
BUTYLENE	X		X	X	G	X	C	E	G	X		E		C	E	E
BUTYRALDEHYDE	G		C	X		X	X	X		X		E	E	X	X	E
BUTYRIC ACID	G		G	C		X	X	X		X		E	E		G	
BUTYRIC ANHYDRIDE	C			G		C		C				E				E
CADMIUM ACETATE	E			E		X						E	E			E
CALCIUM ACETATE	E			C		E	G	G		X		E	E	X	X	E
CALCIUM ALUMINATE	E			E		E		E				E			E	E
CALCIUM BICHROMATE	E			C								E				G
CALCIUM BISULFIDE			X		G		C	E	G	G		E		C	E	
CALCIUM CHLORIDE	E	G	E	E	E	E	E	E	E	E		E	E	E	E	E
CALCIUM HYDROXIDE	E	G	E	G	E	E	E	E	E	E		E	E	E	E	E
CALCIUM HYPOCHLORITE	E	G	E	E	C	X	C	X	X	X		E	C	X	E	C
CALCIUM NITRATE	E		E	E		E	E	E	E	E		E	E	X	E	E
CALCIUM SULFIDE	E	X	E	E		X	E	E	E	X		E	E	E	E	E
CAPRILIC ACID	C			G		C		C				E	E			E
CARBAMIDE	G			E		E	G	G				E				
CARBITOL	E		G	G		X	C	G	E	G		E	E	X	G	E
CARBOLIC ACID (PHENOL)	G	G	X	X		X	X	X	X	X	X	E	E	X	E	E
CARBON DIOXIDE	G		G	G		G	G	E	E	G		E	E	E	G	E



Chemical or Material Conveyed	Butyl	CPE	EPDM	Hypalon	Hytrel	Natural	Neoprene	Nitrile	Nylon	SBR	Santo-prene	Teflon	UHMW	Urethane	Viton	XLPE
CARBON DISULFIDE	X		X	X		X	X	X	X	X		E	E	X	X	C
CARBON MONOXIDE	E	G	E	E	E	C	E	E	E	G	E	E	E	G	E	E
CARBON TETRACHLORIDE	X	C	X	X	X	X	X	C	X	X	X	E	G	X	E	E
CARBONIC ACID	E	X	E	E	X	E	G	G	G	G	X	E	E	E	G	E
CASTOR OIL	G	G	G	E	C	E	E	E	G	E	C	E	E	G	E	E
CAUSTIC SODA (SEE SODIUM HYDROXIDE)	E		E		C		E		G		E	E			G	
CELLOSOLVE ACETATE	G		G	X		X	X	X	G	X		E	E	X	X	E
CELLUGUARD	E		E	X		E	E	E	G	E		E	E	E	E	
CETYLIC ACID	G	G	G	C	E	E	G	E	C	B	E	E	E	E	E	
CHINA WOOD OIL (TUNG OIL)	X	C	X	E	G	X	E	E	G	X		E		C	E	
CHLORDANE	X		X	C	C	X	C	G	G	X				C	E	
CHLORINATED SOLVENTS	X	X	X	X		X	X	X	X	X		E		X	E	G
CHLORO-2-PROPANONE	X		E	X		X	C	X	X	X		E		X	X	
CHLOROACETIC ACID	G		G	G	X	X	X	X	X	X	X	E	E	X	G	E
CHLOROACETONE	X		E	X		X	C	X	X	X		E	E	X	X	E
CHLOROBENZENE, MONO, DI, TRI	X		X	X	X	X	X	X	E	X	X	E	G	X	E	A
CHLOROBUTANE	C		X	X	X	X	X	X				E	E	C	E	G
CHLOROETHYLBENZENE	X	X	X	X		X				X		E	E	G	E	E
CHLOROFORM	X	X	X	X	X	X	X	X	X	X	X	E	E	X	G	G
CHLOROPENTANE	C			X		X				X		E	E		E	E
CHLOROSULFONIC ACID	X	X	X	X	X	X	X	X	X	X	X	E	X	X	X	X
CHLOROTOLUENE	X		X	X		X	X	X	X	X		E	G	X	E	G
CHLOROX	G		G	G	X	G	X	G	X	X		E	G	X	E	G
CHROME PLATING SOLUTIONS	X		X	X		X	X	X		X		E		X	E	
CHROMIC ACID	G	X	X	X	X	X	X	X	X	X	X	E		X	E	
CHROMIUM TRIOXIDE	G	X	X	X	X	X	X	X	X	X	X	E		X	E	
CINNAMENE	X		X	X	X	X	X	X		X		E		C	G	
CIS-9-OCTADECENOIC ACID	X	X	C	G	E	X	C	E	E	X		E	E	G	E	E
CITRIC ACID	E	X	E	E	G	E	E	E	G	E		E	E	E	C	E
COAL OIL	X		X	C		X	G	E	E		X	E	E	C	E	E
COAL TAR	X		X	X	X	X	C	G		X	X	E	E	C	E	E
COAL TAR NAPHTHA	X		X	X		X		X		X		E		X	E	E
COCONUT OIL	G		G	C		X	C	E		X		E	E	C	E	E
COKE OVEN GAS	X		X	X		X	X	X	E	X		C		X	E	E
COOLANOL (MONSANTO)	X		X	G	X	X	G	E		X				X	E	E
COPPER CHLORIDE	E	X	E	E	E	G	G	E	C	E		E	E	G	E	E
COPPER CYANIDE	E		E	G		E	E	E	G	E		E	E	E	E	E
COPPER HYDRATE	E			G		C		G				E	E		C	E
COPPER HYDROXIDE	E			G		C		G		G		E	E		C	E
COPPER SULFATE	E	X	E	E	E	G	E	E	G	G		E	E	G	E	E
CORN OIL	G		X	G	E	X	C	E	G	X	E	E	E	E	E	E
COTTONSEED OIL	C	G	C	G	E	X	C	G	E	X		E	E	E	E	E
CREOSOTE	X		X	X		X	X	G	X	X		E	E	C	E	E
CRESOLS	X		X	X	X	X	X	X	X	X	X	E	E	X	E	E
CRESYLIC ACID	X		X	X		X	X	X		X		E	E	X	G	E
CROTONALDEHYDE	E		E	X		X	X	X		C		E	E	X	X	E
CRUDE OIL			X			X	X	G	E	X		E	E	G	E	E
CUMENE	X		X	X		X	X	X		X		E	E	X	E	E
CUPRIC CARBONATE	E			E		C	E	E				E	E		E	E
CUPRIC HYDROXIDE	E			G		C		G				E			C	E
CUPRIC NITRATE	E		E	E		G	E	E				E	E		E	E
CUPRIC SULFATE	E		E	E		G	E	E		E		E	E		E	E
CUTTING OIL	X		X	G		X	G	E		X		E	E	E	E	E
CYCLOHEXANE	X		X	X	E	X	X	G	G	X	X	E	E	G	E	G
CYCLOHEXANOL	X		X	B		X	G	G	G	X	X	E	E		E	E
CYCLOHEXANONE	X		C	X		X	X	X	G	X	X	E	E	X	X	E
CYCLOPENTANE	X		X	X		X	E	G				E	E		E	E
CYCLOPENTANOL	X			X		X		G		X		E	E		G	E

PVC Hose  
**A**

Rubber Hose  
**B**

Fittings  
**C**

Merchandiser Stand  
**D**

Chemical Charts  
**E**



**A** PVC Hose

**B** Rubber Hose

**C** Fittings

**D** Merchandiser Stand

**E** Chemical Charts

Chemical or Material Conveyed	Butyl	CPE	EPDM	Hypalon	Hytrel	Natural	Neoprene	Nitrile	Nylon	SBR	Santo-prene	Teflon	UHMW	Urethane	Viton	XLPE
CYCLOPENTANONE	X			X		X		X				E			X	E
CYCLOPENTYL ALCOHOL	X			X		X		G		X			E		G	E
DDT IN DEIONIZED KEROSENE	X		X	X		X	C	E	E	X		E		G	E	E
DECAHYDRONAPHTHALENE	X		X	X		X	X	X	G	X	X	E		X	E	
DECAHYDROXYNAPHTHALENE		C														
DECALIN	X		X	X		X	X	X	G	X	X	E	X	X	E	E
DECYL ALCOHOL	X			E		X	X	E				E	E		G	E
DECYL ALDEHYDE	C			X		X						E	E		X	E
DECYL BUTYL PHTHALATE	E			X		X		X				E	E		C	E
DECYL CARBINOL	E			E		E		E				E	E		G	
"DETERGENT, WATER SOLUTION"	E		E		G		G	E		G		E	E	G	E	
DEVELOPING FLUID (PHOTO)	G		G	E	X	E	E	E		G		E	E		E	
DEXTRON	X		X	X		X	G	E		X				G	E	
DI(2ETHYLHEXYL) ADIPATE	E		G	X		X	X	X				E			C	
DI(2ETHYLHEXYL) PHTHALATE	G		G	X	E	X	X	X	E	X		E		X	G	
DIACETONE ALCOHOL	E		E	X	C	X	X	X		X		E	E	X	X	C
DIACETYLMETHANE	E	G	E	X		X	X	X		X	E	E		X	X	
DIALYL PHTHALATE		E														
DIAMMONIUM PHOSPHATE	E	E	E	E		E	E	E		E		E			E	
DIAMYL NAPHTHALENE	E			X		X						E			C	E
DIAMYL PHENOL	X			X		X		X		X		E			E	E
DIAMYLAMINE	E		E	C		G		G		X		E		X	X	
DIAMYLENE	X			X		X	X	C	G			E			E	E
DIBENZYL ETHER	G		C	X		X	X	X		X		E	E	G	X	E
DIBROMOBENZENE	X			X		X						E	G		E	E
DIBROMOMETHANE	X		C	X		X	X	X			X	E			G	
DIBUTYL ETHER	X		X	X		X	X	X		X		E	E	X	X	E
DIBUTYL PHTHALATE	C		E	X	G	X	X	X	E	X		E	E	X	C	E
DIBUTYL SEBACATE	G		G	X	G	X	X	X		X		E	E	X	E	E
DIBUTYLAMINE	X		X	X		X	X	X		X		E	E	X	X	
DICALCIUM PHOSPHATE	E			E		E		E				E			E	E
DICHLORO DIFLUORO METHANE	X	C	C	E	E	X	G	C	G	E	X	E		E	G	
DICHLORO ETHYLENE	C		X	X	X		X		C		X	E		C	G	
DICHLOROACETIC ACID	C			X		G						E	E	C	X	E
DICHLOROBUTANE	X		C	X		X	X	G		X		E	E	X	E	G
DICHLOROETHANE	C	X	X	X	X	X	X	X	C	X	X	E	E	X	G	E
DICHLOROETHYL ETHER	X			X		X		X		X		E			E	E
DICHLOROHEXANE	X			X		X						E	E		E	E
DICHLOROMETHANE	X		C	X	X	X	G	X	C	X	X	E	E		G	E
DICHLOROPENTANE	X			X		X	X	X		X		E	E	X	E	E
DICHLOROPROPANE	X			X		X	X	X				E	E		E	E
DICHLOROPROPENE												E	E		E	E
DICHLOROTOLUENE		X														
DIESEL OIL	X	E	X	C	G	X	C	E	E	X	X	E	E	C	E	C
DIETHANOLAMINE	E		E	C	X	G			G	X		E	E			
DIETHYL ETHER	X		X	X	C	X	X	X	E	X	E	E		E	X	
DIETHYL KETONE	G		E	X		X	X					E			X	E
DIETHYL OXALATE	X		X	X		X	X	X				E				E
DIETHYL PHTHALATE	E			X		X						E	E		C	E
DIETHYL SEBACATE	G		G	C	E	X	X	X		X	E	E		X	G	
DIETHYL SULFATE	G		E	X		X	E	X		E		E		X	X	
DIETHYL TRIAMINE	E			C		G		G				E				
DIETHYLAMINE	G		G	C		G	G	C		G		E	E	C	X	C
DIETHYLBENZENE	X		X	X		X	X	X		X		E	E	X	E	E
DIETHYLENE GLYCOL	E		E	E	E	E	E	E		E		E	E	X	E	C
DIETHYLENE OXIDE	X		E									E				
DIETHYLENE TRIAMINE	E		E	C		G				X	E	E	E	X		
DIHYDROXY DIETHYL ETHER	E		E	E		E	E	E				E			E	
DIHYDROXY SUCCINIC ACID	G		G	E		E	C	G				E	E		E	



Chemical or Material Conveyed	Butyl	CPE	EPDM	Hypalon	Hytrek	Natural	Neoprene	Nitrile	Nylon	SBR	Santoprene	Teflon	UHMW	Urethane	Viton	XLPE
DIISOBUTYL KETONE	G		E	X		X	X	X		X		E	E	X	X	E
DIISOBUTYLENE	X		X	X		X	C	E		X		E	E	X	E	E
DIISODECYL PHTHALATE	E		E	X		X				X		E	E		C	E
DIISODECYL PHTHALATE	E		E	X		X	X	X				E	E		C	E
DIISOCTYL ADIPATE	E			X		X		X		X		E	E		C	E
DIISOCTYL PHTHALATE	E		G	X		X						E	E		C	E
DIISOPROPANOLAMINE	E			C		G		G				E	E			
DIISOPROPYL ETHER	X		X	C		X	X	G		X		E	E	G	X	E
DIISOPROPYL KETONE	E		E	X		X	X	X		X		E	E	X	X	E
DIMETHYL PHTHALATE	G		G	X	E	X	X	X		X	G	E	E	X	E	E
DIMETHYL SULFATE	G			X				X				E	E		X	
DIMETHYL SULFIDE	C					X		X				E	E			
DIMETHYLAMINE	G		X	X			X	X				E	E		X	E
DIMETHYLANILINE	X	C	G	X			X	X		X		E	G	X	X	G
DIMETHYLBENZENE	X	C	X	X	X		X	X	G	X	X	E	E	X	E	
DIMETHYLBUTANE		G														
DIMETHYLCARBINOL	E		G	E		E	E	G				E	E		E	
DIMETHYLKETONE	E	G	E	X	C	X	X	X	E	C	E	E	E	X	X	
DIOCTYL ADIPATE	E		G	X		X	X	X				E	E		C	
DIOCTYL PHTHALATE	G		G	X	E	X	X	X	E	X		E	E	X	G	E
DIOXALANES	X		G	X		X	X	X		X		E	E	X	X	E
DIOXANE	G		G	X		X	X	X	E	X		E	E	X	X	E
DIPENTENE	X		X	X		X	X	G		X		E	E	X	E	
DIPENTYLAMINE	E		E	C		G		G		X		E	E	X	X	
DI-P-MENTHA-1,8-DIENE	X		X	X		X	X	G		X		E	E	X	E	
DIPROPYLAMINE	E			C		G		G				E	E			
DIPROPYLENE GLYCOL	E			E		E		E				E	E		E	
DISODIUM PHOSPHATE	E		E	E		E		E				E	E	E	E	E
DIVINYL BENZENE	X			X		X				X		E	E		E	E
DOWELL INHIBITOR		G														
DOWFAX 2A1 SOLVENT		E														
DOWFAX 2A1 TA		E														
DOWFAX 6A1 SOLVENT		G														
DOWFAX 6A1 TA		E														
"DOWTHERM, A AND E"	X	X	X	X	G	X	X	X	X	X		C	E	X	E	E
DRY CLEANING FLUIDS	X		X	X			X	C		X		E		X	E	
DUCGKIRIOEBAANE	X															
DURO AW16, 31			X					E	E			E				
DURO FR-HD			X					E	E			E				
EHTYL BUTYL ACETATE	E			G		X		X				E	E		X	E
EHTYL DICHLORIDE	C		C	X		X	X	X		X		E	E	X	G	G
EHTYLENE DIBROMIDE	X		C	X		X	X	X		X		E	G	X	G	G
ETHANOIC ACID	G	E	E	C	C	X	G	C	C	G	C	E	E	X	X	
ETHANOL (GRAIN ALCOHOL)	E	G	E	E	E	E	E	E	X	E	E	E	E	X	C	E
ETHANOLAMINE	G		G	X		G	G	G		X		E	E	C	X	E
ETHERS	X	G	C	X	X	X	X	X	E	X		E	E	X	X	
ETHYL ACETATE	G	G	E	X	C	X	X	X	E	X	E	E	E	X	X	C
ETHYL ACETOACETATE	G		G	X		C	X	X		C		E	E		X	E
ETHYL ACETONE	G		G	X		X	X	X		X		E	E		X	
ETHYL ACRYLATE	G		G	X		X	X	X		X		E	E	X	X	G
ETHYL ALCOHOL	E	G	E	E	E	E	E	E	X	E	E	E	E	X	E	E
ETHYL ALDEHYDE	G		E	C		X	X	X				E	E	C	X	E
ETHYL ALUMINUM DICHLORIDE	X			X		X		X				E	E		G	G
ETHYL BENZENE	X		X	X		X	X	X		X		E	E	X	E	E
ETHYL BROMIDE	X		X	X		C	X	G		X		E	E	X	E	E
ETHYL BUTANOL	E			E		E		E				E	E		G	E
ETHYL BUTYL KETONE	G			X		X		X				E	E		X	E
ETHYL CELLULOSE	G		G	G	G	G	G	G	C	G		E	E	G	X	E
ETHYL CHLORIDE	E	X	E	C	X	C	X	E	E	G	X	E	G	C	E	G

PVC Hose  
**A**

Rubber Hose  
**B**

Fittings  
**C**

Merchandise Stand  
**D**

Chemical Charts  
**E**



	Chemical or Material Conveyed	Butyl	CPE	EPDM	Hypalon	Hytrel	Natural	Neoprene	Nitrile	Nylon	SBR	Santo-prene	Teflon	UHMW	Urethane	Viton	XLPE	
<b>A</b> PVC Hose	ETHYL DIISOBUTYLTHIO-CARBAMATE						E				E			E			E	
	ETHYL ETHER	X	G	X	X	X	X	X	X	E	X		E	E	C	X	E	
	ETHYL FORMATE	G		G	G	X	X	G	X		X		E	E		E	E	
	ETHYL IODIDE	C		C	X	X	X	X	X				E	E		G	E	
	ETHYL OXALATE	X		C	X	C	X	X	X		X		E	E	E	E	E	
	ETHYL PHTHALATE	E			X		X		X				E	E				
	ETHYL SILICATE	E		E	G		G	E	E		G		E	E	X	E	E	
	ETHYLAMINE	G		E	C		C	X	X		C		E	E	X	X		
	ETHYLENE CHLOROHYDRIN	G		G	C		C	G	X				E	E		E	E	
	ETHYLENE DIAMINE	E		E	G		G	E	G		G		E	E	X	X	E	
	ETHYLENE DICHLORIDE	C	X	X	C	X	X	X	X	C	X	X	E	G	X	X	G	G
	ETHYLENE G MONOETHYLE ACETATE	E		E	X		C	X	C				E		X	E		
	ETHYLENE G. MONOBUTYL ETHER	E		E	C		X	C	C			X			X	X	E	
	ETHYLENE G. MONOHEXYL ETHER	E		G	G		X	E	C				E			X	E	
	ETHYLENE G. MONOMETHYL ETHER	E		G	G		X	E	C				E			X	E	
ETHYLENE GLYCOL	E	G	E	E	E	E	E	E	E	E	E	E	E	E	G	E	C	
ETHYLENE OXIDE	X	X	C	X	E	X	X	X	X	G	X		E		X	X		
FATTY ACIDS	X		X	C	G	X	G	E	E	E	X	X	E	E	C	E	E	
FERRIC BROMIDE	E			E		E	E		E				E	E	E	E		
FERRIC CHLORIDE	E	X	E	E	G	E	E	E	E	C	E		E	E	E	E	E	
FERRIC NITRATE	E		E	E	E	E	E	E	E	E	E		E	E	E	E	E	
FERRIC SULFATE	E	X	E	E	E	E	E	E	E	E	E		E	E	G	E	E	
FERROUS ACETATE	E			E		X			X				E			X	E	
FERROUS CHLORIDE	G		E	G	E	E	G	E	E	E			E	E	G	E	E	
FERROUS SULFATE	E		E	E	E	E	E	E	E	E	E		E	E	E	E	E	
FLOUROSILIC ACID	E		E	E	E	E	E	E	E		G	C	E	C		C	G	
FLUOBORIC ACID	G		E	E	E	E	E	E	E		E		E	C	X	E	C	
FLUORINE	X		E	X	X	X	X	X	X	X			G	X	X	E	X	
FORMALDEHYDE	E	G	E	G	C		G	C	E	C	E	E	E	E	X	E	E	
FORMALIN	E	G	E	G	C		G	C	E	C	E	E	E		X	E	E	
FORMIC ACID	E	X	E	E	C	C	E	C	X	E	E	E	E	E	X	X	C	
FREON 113	X		X	E	E	X	E	E	E	X	G	X	E		G	G		
FREON 12	C	C	C	E	E	C	E	E	E	G	E	X	E		E	G		
FREON 22	X	C	E	E	X	C	E	E	X	G	E	X	E		X	C		
FREON 502	E		E	E	E	E	E	E	G	E	E							
FUEL A (ASTM)	X	E	X	G	E	X	G	E	E	X	X	X	E	G	G	E	G	
FUEL B (ASTM)	X	G	X	X	E	X	X	X	X	E	X	X	E	G	G	E	G	
FUEL OIL	X	E	X	C	G	X	G	E	G	X	X		E	E	C	E	E	
FURALDEHYDE	E	E	G	C	G	X	C	X	C	X	X	E	E		X	X		
FURAN	X		X	X	X	X	X	X	X	X	X		E		X	C		
FURFURAL	E	E	G	C	G	X	C	X	C	X	X	E	E	E	X	X	E	
FURFURAN	X		X	X	X	X	X	X	X	X	X		E		X	C		
FURFURYL ALCOHOL	G		G	X	G	X	X	X	X	G	X	E	E	E	X	C	E	
GALLIC ACID	G		G	G	X	E	G	G	G	G	G		E	E	X	E	C	
GALLOTANNIC ACID	G		E	E	E	E	E	E	E				E	E	E	E		
GAS, 100 OCTANE	X		X	X	E	X	C	E	E	G	X	X	E	C	C	E		
GAS, COAL			E		G	E	E	E	X	E					G	E		
GASOLINE	X	E	X	X	E	X	X	E	E	G	X		E	G	C	G	G	
GLACIAL ACRYLIC ACID																	E	
GLUCONIC ACID	C			G		X			C				E	E				
GLUCOSE	E		E	E	G	E	G	E	E	G	E		E	E	C	E	E	
GLYCERINE	E	E	E	E	E	E	E	E	E	G	E	X	E	A	C	E	C	
GLYCEROL	E	E	E	E	E	E	E	E	E	G	E		E		C	E		
GLYCOGENIC ACID	C			G		X			C				E					
GLYCOLS	E		E	E	C	E	E	E	E	G	E	G	E	E	X	E	E	
GLYCONIC ACID	C			G		X			C				E	E				
GLYCYL ALCOHOL	E	E	E	E	E	E	E	E	E	G	E	X	E		C	E		
GREASE, PETROLEUM BASE	X	E	X	X	E	X	X	C	E	E	X	X	E	E	E	E	G	

**B** Rubber Hose

**C** Fittings

**D** Merchandiser Stand

**E** Chemical Charts



Chemical or Material Conveyed	Butyl	CPE	EPDM	Hypalon	Hytrel	Natural	Neoprene	Nitrile	Nylon	SBR	Santo-prene	Teflon	UHMW	Urethane	Viton	XLPE
GREEN SULFATE LIQUOR	E		E	G	X	G	G	G	X	G		E	E	E	E	E
HALON 1211							E	E								
HELIUM	E		E	E		E	E	E	E	E		E		E	E	
HEPTALDEHYDE	X			X		X		E				E			X	
HEPTANAL	X			X		X		E				E	E		X	E
HEPTANE	X	E	X	G	G	X	G	E	E	X		E	E	G	E	G
HEPTANE CARBOXYLIC ACID	C			G		X		C				E				
HEPTANOIC ACID		E														
HEPTANONE		C														
HEXADECANOIC ACID	G	G	G	C	E	E	G	E	C	B	E	E		E	E	
HEXALDEHYDE	G		E	C		X	E	X	X	X		E	E	G	X	E
HEXANE	X		X	E	E	X	E	E	E	X	E	E	E	G	E	E
HEXANOL	C		G	G		E	G	E		E		E	E	X	E	E
HEXENE	X		X	G		X	G	G		X		E		G	E	E
HEXYL ALCOHOL	C		G	G		E	G	G		E		E	E	X	G	E
HEXYL METHYL KETONE	G			X		X		X				E			X	E
HEXYLAMINE	G			C		C		C				E			X	
HEXYLENE GLYCOL	E		C	E		E	E	E				E			E	
HISTOWAX		E														
HYDRAULIC OIL, PETROLEUM		E	X	G	E	X	G	E	E		X	E	E		E	E
HYDRAZINE	E		E	G	X	X	G	G	X	G		E			E	E
HYDROBROMIC ACID	E	X	E	E		E	X	X	X	X		E	G	X	E	C
HYDROCHLORIC ACID	E	X	C	C	C	C	C	C	C	X	E	E	E	C	G	E
HYDROCYANIC ACID	G	X	E	E	X	G	G	G	X	G		E	E	X	E	
HYDROFLUORIC ACID	G	X	C	E	X	C	C	C	X	C	X	E	E	X	G	C
HYDROFLUOSILICIC ACID	E	X	E	E	G	E	G	G	X	G		E	G	C	E	C
HYDROGEN CHLORIDE ANHYDROUS		E														
HYDROGEN DIOXIDE (10%)	C		G	G		G	X	C				E			E	
HYDROGEN GAS	E	C	E	E	E	G	E	E	E	G		E	E	E	E	E
HYDROGEN PEROXIDE 10%	G		G	E	X	G	X	C	G	C		E	G	G	E	G
HYDROGEN PEROXIDE OVER 10%	X	X	C	G	X	X	X	X	X	X		E	E	C	E	C
HYDROGEN SULFIDE (WET)	E	X	E	E	E	X	E	C	X	X		E	E	C	C	E
HYDROXY BENZENE	G		C	C		X	X	X				E		C	E	
HYDROXYISOBUTYRONITRILE		E														
HYDROXYTOLUENE		E														
HYVAR XL			E													
IMINODI-2-PROPANOL		E														
IMINODIETHANOL		E														
IODINE	G		G	G		X	X	G	E	G		E	G	X	E	C
IODINE PENTAFLUORIDE	X		X	X		X	X	X		X		E	C	X	X	C
IODOFORM			X			X	X	E		X						
ISOBUTANAL		G														
ISOBUTYLAMINE	E			C		C		X				E			X	
ISOBUTYLBROMIDE	X			X		X		X				E			G	
ISOBUTYLCARBINOL	E		E	E		E	E	E				E		C	E	
ISOCYANATES					G			G	G						G	E
ISOOCTANE	X	E	X	G	E	X	G	E	E	X	X	E	E	G	E	E
ISOPROPYL ACETATE	G		G	X	C	X	X	X	G	X		E	E	X	X	E
ISOPROPYL ALCOHOL	E		E	E	E	E	G	E	E	E		E	E	X	E	E
ISOPROPYL ETHER	X		X	C		X	X	G		X		E	E	G	X	E
JETFUELS	X		X	X		X	X	E	C	X	X	E	E	C	E	E
JP-4 OIL	X		X	X	E	X	X	E	C	X	X	E	E	C	E	E
KEROSENE	X	G	X	X	E	X	C	E	E	X	X	E	E	G	E	E
KETONES	G	G	E	C	X	C	X	X	E	G	X	E	E	X	X	E
LACQUER SOLVENTS	X	C	X	X	C	X	X	X	E	X		E	G	X	X	G
LACTIC ACID - COLD	E	X	E	E	X	E	E	E	E	E		E	E	G	E	E
LACTIC ACID - HOT			X	C	C	X	X	X	X	X		E			E	
LARD	C		G	G	G	X	G	E	E	X	E	E	G	C	E	C

PVC Hose  
**A**

Rubber Hose  
**B**

Fittings  
**C**

Merchandise Stand  
**D**

Chemical Charts  
**E**



**A** PVC Hose

**B** Rubber Hose

**C** Fittings

**D** Merchandiser Stand

**E** Chemical Charts

Chemical or Material Conveyed	Butyl	CPE	EPDM	Hypalon	Hytrek	Natural	Neoprene	Nitrile	Nylon	SBR	Santo-prene	Teflon	UHMW	Urethane	Viton	XLPE
LAVENDER OIL	X		X	X		X	X	G		X		E	G	X	E	G
LEAD ACETATE	E		E	C		E	G	G		X		E	E	C	E	E
LEAD NITRATE	E		E	C		E	E	E		E		E			E	E
LEAD SULFATE	E		E	E	G	E	G	E	G			E	E		E	E
LIMEE		E	E	G	E	E	E	G			E		G	E		
LIME BLEACH	E		E	G		E	G	E		E		E			E	
LIME SULFUR, WET	E		C	G		C	E	E				E	E		E	E
LIMONENE	X		X	X		X	X	X				E			E	
LINOLEIC ACID	X		X	X		X	C	G		X		E			G	
LINSEED OIL	G	G	C	G	G	X	E	E	E	X		E	E	G	E	E
LUBRICATING OILS, SAE	X	G	X	X	E	X	C	E	E	X	X	E	E	E	E	E
LYESOLUTIONS	E	C	E	E	C	E	E	C	G	G	C	E	E	G	E	E
M E X	G	C	E	X	C	X	X	X	E	X	X	E	E	X	X	E
MAGNESIUM ACETATE	E		E	E		X	X	X		X		E		X	X	E
MAGNESIUM CHLORIDE	E	G	E	E	G	E	E	E	E	E		E	E	E	E	E
MAGNESIUM HYDRATE	E		E	E		E	G	G				E	E	E	G	
MAGNESIUM HYDROXIDE	E	G	E	E	C	E	E	E	E	G		E	E	C	E	E
MAGNESIUM SULFATE	E	G	E	E	G	E	E	E	E	G		E	E	C	E	E
MAGNESIUM SULFITE	E		E	E		G	E	E		G					E	E
MALEIC ACID	X		E	X		X	X	C		X		E	E	C	E	G
MALEIC ANHYDRIDE	X		X	X		X	X	X		X		E			E	
MALIC ACID	X		X	G		E	G	E	E	G		E	E		E	
MANGANESE SULFATE	G		E	E		G	E	E				E	E	E	E	E
MAPP			E				E	E		G						
MERCURY	E	G	E	E	E	E	E	E	E	E		E	E	E	E	E
MERCURY VAPORS	E		E	E		C	C	E		E		E			E	
MESITYL OXIDE	C		G	X		X	X	X		X		E	E	X	X	E
METHALLYL ALCOHOL	E			E		E		E				E			G	E
METHALLYL CHLORIDE		C														
METHANE CARBOXYLIC ACID								SEE ACETIC ACID								
METHANOIC ACID	E	X	E	E	C	C	E	C	X	E	E	E		X	X	
METHANOL (METHYL ALCOHOL)	E	G	E	E	E	E	E	E	G	E	E	E	E	X	C	C
METHANOL (WOOD ALCOHOL)	E	G	E	E	E	E	E	E	G	E	E	E	E	X	C	C
METHOXY ETHANOL		E	E													
METHOXYETHOXY ETHANOL		E	E													
METHYL 1-2,4-PENTANEDIOL		E														
METHYL ACETATE	G		G	C	C	X	C	X	E	X		E	E	X	X	E
METHYL ACETOACETATE	G		G	X		X	X	X				E		X	X	E
METHYL ACETONE	G		E	X		C	X	X				E	E		X	
METHYL ACETYLENE PROPADIENE			G				E	E		G						
METHYL ALCOHOL	E	G	E	E	E	E	E	E	G	E	E	E	E	X	C	E
METHYL ALLYL ALCOHOL	E		E	E		E		E				E			G	
METHYL ALLYL CHLORIDE	F	C		X		X				X					F	G
METHYL AMYL CARBINOL	E			E		E		E				E			G	E
METHYL BENZENE	X	C	X	X	C	X	X	X	E	X	X	E		X	E	E
METHYL BROMIDE	C		C	X	X	X	X	G	G	X	X	E	G	X	E	G
METHYL BUTANE	X		X	X		X	X	E				E		G	E	
METHYL BUTANOL	E	E	E	E	E	E	E	E	E	G	E	E		X	E	
METHYL BUTYL KETONE	E		E	X		X	X	X		X		E	E	X	X	
METHYL CARBITOL	E			E		X		C				E				E
METHYL CELLOSOLVE	G		G	C		X	G	C		X		E	E	X	X	E
METHYL CHLORIDE	X	C	X	X	X	X	X	X	C	X	X	E	E	X	E	G
METHYL CYANIDE	E		E	G		G	E	C				E			X	
METHYL ETHYL KETONE	E	G	E	X	E	X	X	X	G	X	C	E	E	X	X	E
METHYL HEXANOL	E			E		E		E				E	E		G	E
METHYL ISOAMYL KETONE		C														
METHYL METHACRYLATE	C		X	X		X	X	X	C	X	C	E	G	X	X	G
METHYL NORMAL AMYL KETONE	G			X		X		X				E			X	E
METHYL PROPYL ETHER	X			G		X		X				E				E



Chemical or Material Conveyed	Butyl	CPE	EPDM	Hypalon	Hytrel	Natural	Neoprene	Nitrile	Nylon	SBR	Santo-prene	Teflon	UHMW	Urethane	Viton	XLPE
ETHYL SALICYLATE	G		C			X	X	X				E			G	
METHYL STYRENE		C														
METHYL SULFIDE	C			X		X		X				E				
METHYL TERTIARY BUTYL ETHER	G	X					X	X		X		G	G		X	E
METHYL-1-PROPANOL	E		E	E		E	E	G		E		E		X	E	
METHYL-2-BUTANOL	E	E		E		E				E					F	E
METHYL-2-BUTANONE	G	X	C	X	X	X	X	X	E	X		E		X	X	E
METHYL-2-HEXANONE	G	C		X		X				X					X	E
METHYL-2-PENTANOL	E		E	E		G	E	G				E			C	
METHYL-2-PENTANONE	C	X	G	X	X	X	X	X	G	X	X	E		X	X	
METHYL-2-PROPEN-1-OL	E		E	E		G	E	G				E			C	
METHYL-3-PENTEN-1-ONE		C													C	
METHYL-4-ISOPROPYL BENZENE		C														
METHYLALLYL ACETATE	E			G		X		X				E			X	E
METHYLAMYL ALCOHOL	E		E	E		G	E	G				E			C	E
METHYLCYCLOHEXANE	X			X		X		X				E			G	G
METHYLENE BROMIDE	X		X	X		X	X	X				E	G		C	E
METHYLENE CHLORIDE	X		C	X	X	X	X	X	C	X	X	E	E	X	C	C
METHYLETHYL KETONE	E	G	E	X	E	X	X	X	G	X	C	E	E	X	X	C
METHYLHEXYL KETONE	G			X		X		X				E			X	E
METHYLISOBUTYL CARBINOL	E		E	E		G	E	G				E			C	E
METHYLISOBUTYL KETONE	C	X	G	X	X	X	X	X	G	X	X	E	E	X	X	E
METHYLISOPROPYL KETONE	G	X	C	X	X	X	X	X	E	X		E		X	X	E
METHYLLACTONITRILE	E			C		C	B	X			E	E		X	X	
METHYLPHENOL	X		X	C		X	X	X				E		X	X	
METHYLPROPYL CARBINOL	E			E		E		E				E			G	
METHYLPROPYL KETONE	G		G	X		X	X	X		X		E			X	E
MIL-A-6091	E		E	E		E	E	G		E				X	E	
MIL-E-9500	E		E	E		E	E	E		E				X	E	
MIL-F-16884	X		X	C		X	C	E		X				C	E	
MIL-F-17111	X		X	X		X	G	E		X				C	E	
MIL-F-25558B	X		X	G		X	G	E		X				G	E	
MIL-F-25576C	X		X	C		X	C	E		X				C	E	
MIL-F-7024A	X		X	X		X	X	E		X				G	E	
MIL-G-10924B	X		X	G		X	X	E		X				G	E	
MIL-G-25013D	X		X	G		X	G	E		X				C	E	
MIL-G-25537A	X		X	G		X	G	E		X				G	E	
MIL-G-4343B	C		C	G		C	G	G		C				E	E	
MIL-G-5572	X		X	X		X	X	E		X				G	E	
MIL-G-7711A	X		X	X		X	X	E		X				E	E	
MIL-H-13910B	G		E	G		G	G	G		E				X	E	
MIL-H-19457B	E		E	X		X	X	X		X				X	C	
MIL-H-22251	E		E	G			G	G		G					E	
MIL-H-27601A	X		X	C		X	G	G		X				C	E	
MIL-H-5606B	X		C	G		X	G	E		X				G	E	
MIL-H-6083C	X		X	G		C	G	E		X				G	E	
MIL-H-8446B	X		X	C		X	G	G		X				C	E	
MIL-J-5161F	X		X	X		X	X	G		X				C	E	
MIL-J-5624G (JP-3, JP-4, JP-5)	X		X	X		X	X	E		X				C	E	
MIL-L-15016	X		X	G		X	G	E		X				E	E	
MIL-L-17331D	X		X	G		X	G	E		X				E	E	
MIL-L-2104B	X		X	C		X	G	E		X				E	E	
MIL-L-21260	X		X	G		X	G	E		X				E	E	
MIL-L-23699A	X		X	C		X	C	G		X				C	E	
MIL-L-25681C	E		E	G		G	G	G		G				C	E	
MIL-L-3150A	X		X	G		X	G	E		X				G	E	
MIL-L-3545B	X		X	C		C	G	G		X				C	E	
MIL-L-4339C	X		X	X		X	X	E		X				X	E	
MIL-L-6082C	X		X	G		X	G	E		X				E	E	

PVC Hose  
**A**

Rubber Hose  
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Fittings  
**C**

Merchandise Stand  
**D**

Chemical Charts  
**E**



**A** PVC Hose

**B** Rubber Hose

**C** Fittings

**D** Merchandiser Stand

**E** Chemical Charts

Chemical or Material Conveyed	Butyl	CPE	EPDM	Hypalon	Hytrel	Natural	Neoprene	Nitrile	Nylon	SBR	Santo-prene	Teflon	UHMW	Urethane	Viton	XLPE
MIL-L-6085A	X		X	X		X	X	G		X				C	E	
MIL-L-7870A	X		X	X		X	X	E		X				X	E	
MIL-L-9000F	X		X	C		X	X	E		X				C	E	
MIL-L-9236B	X		X	X		X	X	G		X				X	E	
MIL-O-5606								E							E	
MIL-O-7808	X		X	X		X	X	G		X		E		X	E	
MIL-P-27402	E		E	G			G	G		G						
MIL-S-3136B TYPE 1 FUEL	X		X	G		X	G	E		X				G	E	
MIL-S-3136B TYPE 2 FUEL	X		X	X		X	X	C		X				G	E	
MIL-S-3136B TYPE 3 FUEL	X		X	X		X	X	C		X				G	E	
MIL-S-3136B TYPE 4 OIL, LOWSWELL	X		X	E		X	E	E		X				E	E	
MIL-S-3136B TYPE 5 OIL, MEDSWELL	X		X	G		X	G	E		X				E	E	
MIL-S-3136B TYPE 6 OIL, HI SWELL	X		X	X		X	X	E		X				G	E	
MIL-S-81087	E		E	E		E	E	E		E				E	E	
MINERAL OIL	X	G	X	E	E	X	E	E	E	X	X	E	E	E	E	E
MINERAL SPIRITS	X		X	G		X	X	E		X			E	E	E	E
MOBILE HFA			X					E	E							
MOLTEN SULFUR	G		E	E		G	E	G					X	G	E	X
MONOBUTYL ETHER	X		X	X		X	C	C		X				X	X	E
MONO-CHLOROACETIC ACID	G	X	C	X	X	C	E	X	X	X	X	E		X	G	E
MONOCHLOROBENZENE	X		X	X	C	X	X	X	G	X	X	E	G	X	E	G
MONOCHLORODIFLUOROMETHANE	X	C	E	E	X	C	E	X		E	X	E		X	X	C
MONOETHANOL AMINE	G		G	C		G	G	G		G		E	E	X	X	E
MONOETHYL AMINE	G		E	C		C	X	X		C		E		X	X	C
MONOMETHYLAMINE	C		E	C		C	C	G				E			C	E
MORPHOLINE			X				X	X	X			E				
MOTOR OIL			X	G	G		G	E	G			E	E	G	E	E
MTBE	G	X					X	X		X		G	G		X	
MURIATIC ACID	C	X	C	C	C	C	C	C	X	X	E	E	E	C	C	E
NA-K			X					X				X				
NAPHTHA	X	E	X	X	E	X	X	E	E	G	X	E	E	C	E	E
NAPHTHALENE	X	C	X	X	C	X	X	X	G	X	C	E	E	G	E	E
NAPHTHENIC ACIDS		E	X	X		X	X	G		X		E			E	
N-BUTANAL	G		G	C		X	C	X				E		C	X	
N-BUTYLAMINE	X		C	X		X	X	X		X		E		X	X	
N-BUTYLBENZENE				X		X		X				E		E	E	
N-BUTYLBROMIDE	X			X		X		X				E			G	G
N-BUTYLBUTYRATE	E		E	X		X	X	X		X		E			E	G
N-BUTYLCARBINOL	E	E	E	E	E	E	E	G	E	E	E	E		X	E	
NEOHXANE	X			X		X		E				E			E	E
NEON GAS	E		E	E		E	E	E	E	E	E	E		E	E	E
NEU-TRI	X			X		X		X				E			E	E
NICKEL ACETATE	E		E	X		E	G	G		X		E	E	X	X	E
NICKEL CHLORIDE	E	X	E	E	C	E	G	E	C	E		E	E	C	E	E
NICKEL NITRATE	E		E	E		E	E	E				E	E		E	E
NICKEL SULFATE	E	X	E	E	C	G	E	E	C	G		E	E	C	E	E
NIETYLENE						E										
NITRIC ACID, 10%	E	X	E	G	C	X	G	X	C	X	E	E	E	X	X	C
NITRIC ACID, 13N	X	X	X	X	X	X	X	X	X	X		E		X		
NITRIC ACID, 13N + 5%	X	X	X	X	X	X	X	X	X	X		E		X		
NITRIC ACID, UP TO 25%	G	X	E	G	X	X	X	X	X	X		E	E	X	C	E
NITRIC ACID, 25% TO 40%	C	X	G	C	X	X	X	X	X	X		E	G	X	C	G
NITRIC ACID, 40% - 60%	X	X	X	X	X	X	X	X	X	X		E	C	X	C	G
NITRIC ACID, CONC (16N)	X	X	X	X	X	X	X	X	X	X	X	E	E	X	C	C
NITRIC ACID, RED FUMING	C	X	X	X	X	X	X	X	X	X	X	E	X	X	C	X
NITRILOTRIETHANOL	G		E	E	X	G	X	C		G		E		X	X	
NITROBENZENE	G	C	X	X	X	X	X	X	C	X		E	E	X	C	E
NITROETHANE	G		G	C		G	C	X		G	E	E	E	X	X	E
NITROGEN	E		E	E		E	E	E		E		E	E	E	E	E



Chemical or Material Conveyed	Butyl	CPE	EPDM	Hypalon	Hytrek	Natural	Neoprene	Nitrile	Nylon	SBR	Santo-prene	Teflon	UHMW	Urethane	Viton	XLPE
NITROMETHANE	G		G	C	C	G	X	X		C		E	E	X	X	E
NITROUS OXIDE GAS	E		E	E		E	G	E	C			E	E	G	E	
N-NONYL ALCOHOL	E		E	E		E		E				E			G	
N-OCTANE	X		X	X		X	C	E		X		E	G	X	E	G
NONANOIC ACID	E			X		X		E				E				
NONANOL	E			E		E		E				E			G	
N-SERV (75% XYLENE)									E			E			E	C
NUTO H			X					E	E			E				
NYVAC LIGHT			E					X	E			E				
O-AMINOTOLUENE		G														
OCTANOIC ACID	C			G		C		C				E				
OCTANOL	G		E	G		G	G	G		G		E	E	X	E	E
OCTYL ACETATE	E			E		X		X				E	E		X	
OCTYL ALCOHOL	G		G	G		G	G	G		G		E	E	X	G	E
OCTYL ALDEHYDE	C			X		X		X				E			X	E
OCTYL AMINE	E			C		C		C				E			X	C
OCTYL CARBINOL	E			E		E		E				E			G	E
OCTYLENE GLYCOL	E		E		E		E				E		E	E	C	
OIL-PETROLEUM	X	G	X	G	E	X	G	E	G	X		E	E	G	E	E
OLEIC ACID	X	X	C	G	E	X	C	E	E	X		E	E	G	E	E
OLEUM (FUMING SULFURIC ACID)	X	X	X	X	X	X	X	X	X	X		E	X	X	G	X
OLIVE OIL	G		G	G		X	G	E	E	X		E	G	E	E	C
ORTHO-DICHLOROENZENE	X		X	X	X	X	X	X	E	X	X	E		X	E	
ORTHO-DICHLOROENZOL	X		X	X	X	X	X	X	E	X	X	E		X	E	G
ORTHOXYLENE	X	C	C	X	C	X	X	X	G	X	X	E		X	E	E
OXALIC ACID	E	X	E	E	X	C	G	G	G	G	E	E	E	C	E	C
OXYDIETHANOL		E														
OZONE	G		E	E	C	X	C	X	C	X		E	C	E	E	C
PAINT THINNER	X		X	X		X	X	X	G	X		E	E	X	G	E
PALMITIC ACID	G	G	G	C	E	E	G	E	C	B	E	E	E	E	E	G
PAPERMAKERS ALUM	E			E		E	E	E				E	G		E	
PARA METHOXYPROPENYL																
BENZENE	X	X		X		X			G			E			G	
PARA-DICHLOROENZENE	X		X	X		X	X	X		X		E		X	E	G
PARAFFIN WAX	X		X	X		X	G	E		E		E	E	G	E	X
PARALDEHYDE	E		E	X		C	C	C				E			X	E
PARAXYLENE	X		X	X		X	X	C				E		C	E	E
PCB											E			E		
P-CYMENE	X	X	X	X		X	X	X		X		E	E	X	E	E
PELARGONIC ALCOHOL	E			E		E		E				E			G	E
PENTACHLOROETHANE	X			X		X	X	X				E			E	E
PENTADIONE		G														
PENTAMETHYLENE	X		X	X		X	E	G				E			E	
PENTANE	X		X	C	G	X	C	E	G	X		E	G	C	E	G
PENTANOL	E		E	E		E	E	E				E		C	G	
PENTANONE	G		G	X		X	X	X				E			X	E
PENTASOL	E		E	E		E	E	G		G		E		X	G	E
PENTYL ACETATE	G		E	X	C	X	X	X	G	X	X	E		X		
PENTYL ALCOHOL	E	E	E	E	E	E	E	G	E	E	E	E		X	E	
PENTYL BROMIDE												E			G	
PENTYL CHLORIDE	X	C	X	X		X	X		E	X		E		C	E	G
PENTYL ETHER				C				C				E				
PENTYLAMINE	G		X	C		C	X	C				E			X	
PERCHLORIC ACID-2N	G		G	G	X	X	G	X	X	X	X	E		X	E	E
PERCHLOROETHYLENE	X	C	X	X	X	X	X	C	C	X	X	E	G	X	E	G
PERCHLOROMETHANE	X					X	X	X				E				
PETROLEUM CRUDE	X		X	G	C	X	G	E	G	X		E	E	E	E	E
PETROLEUM ETHER	X		X	X		X	C	E	E	X		E		G	E	E
PETROLEUM OILS	X	G	X	G	E	X	G	E	G	X	C	E	E	G	E	E

PVC Hose  
**A**

Rubber Hose  
**B**

Fittings  
**C**

Merchandise Stand  
**D**

Chemical Charts  
**E**



**A** PVC Hose

**B** Rubber Hose

**C** Fittings

**D** Merchandiser Stand

**E** Chemical Charts

Chemical or Material Conveyed	Butyl	CPE	EPDM	Hypalon	Hytrel	Natural	Neoprene	Nitrile	Nylon	SBR	Santo-prene	Teflon	UHMW	Urethane	Viton	XLPE
PHENBO													E	X		
PHENOL	G			X	X	X	X	X	X	X	X	E	E	X	E	E
PHENOLSULFONIC ACID	C			X		X		X				E	G	G	X	G
PHENYLAMINE	E		G	X		X	X	X				E		C	E	
PHENYLBROMIDE	X		X	X		X	X	X				E		X	G	
PHENYLBUTANE		C														
PHENYLCHLORIDE	X		X	X		X	X	X				E		X	E	E
PHENYLETHYLENE	X		X	X	X	X	X	X		X		E		C	G	
PHENYLMETHANE	X		X	X		X	X	X				E		X	E	
PHENYLMETHANOL	G		G	G	C	X	X	X	C	X	X	E	E	X	E	E
PHENYLMETHYL ACETATE	E		G	G		X						E	E		X	E
PHOSPAHTE ESTERS	E	G	E	X	C	X	X	X	E	X	E	E	E	X	C	E
PHOSPHORIC ACID 10%	G	X	E	E			E	E	E	G	E	E	E	E	E	E
PHOSPHORIC ACID 10% - 85%	G	X	E	E	X	G	E	X	C	G		E	E	C	E	E
PHOSPHORUS TRICHLORIDE ACID	E		E	X		X	X	X		X		E			E	
PICRIC ACID, H2O SOLUTION	C	X	C	E	X	C	C	C	X	G	X	C		G	E	
PINE OIL	X		X	X		X	X	G		X		E	E	E	E	E
PINENE	X		X	X		X	X	G		X		E	E	G	E	E
POLY CHLORINATED BIPHENOL												E				
POLYETHYLENE GLYCOL E-400	E	E		E		E				E			E		E	
POLYOL ESTER					X		G		G					X		
POLYPROPYLENE GLYCOL	E			E		E		E				E			E	
POTASSIUM ACETATE	E		E	C		E	G	G	G	X		E	E	X	C	E
POTASSIUM BISULFATE	E		E	E		E	E	E	G	G		E	E	E	E	E
POTASSIUM BISULFITE	E		E	E		E	E	E	G	G		E	E	E	E	E
POTASSIUM CARBONATE	E		E	E	X	E	E	E	C	E		E	E	C	E	E
POTASSIUM CHLORIDE	E	G	E	E	G	E	E	E	E	E		E	E	E	E	E
POTASSIUMCHROMATE	G		E	C		G	E	E	G	G		E	G	G	E	G
POTASSIUM CYANIDE	E	G	E	E	G	E	G	E	E		E	E	E	E	E	E
POTASSIUM DICHROMATE	E	X	E	E	C	E	E	E	G		G	E	G	G	E	G
POTASSIUM HYDRATE	E		G	E		G	G	G	G	G		E	E	G	C	E
POTASSIUM HYDROXIDE	G	X	E	E	C	G	G	G	G	G	G	E	G	C	G	E
POTASSIUM NITRATE	E		E	E	G	E	E	E	G	E		E	E	E	E	E
POTASSIUM PERMANGANATE, 5%	E		E	G	X	E	E	C	X	G		E	E	X	E	E
POTASSIUM SILICATE	E		E	E		E	E	E	G	E		E	E	E	E	E
POTASSIUM SULFATE	E		E	E	G	E	E	E	E	G		E	E	E	E	E
POTASSIUM SULFIDE	E		E	E		G	E	E	E	G		E	E	E	E	E
POTASSIUM SULFITE	E		E	E		G	E	E	E	G		E	E	E	E	E
PRESTONE ANTIFREEZE	E	G	E	E	G	E	C	E	G	E	E	E		X	E	E
PRODUCER GAS	X		X	G		X	G	E		X		E		E	E	E
PROPANEDIOL	C		E	E		E	C	E		E		E		G	E	E
PROPANETRIOL	E	E	E	E	E	E	E	E	G	E	X	E		C	E	E
PROPANOL	E		E	E		E	E	E		E	E	E		X	E	E
PROPANOLAMINE		E														
PROPANONE	E	G	E	X	C	C	X	X	E	C	E	E		X	X	
PROPEN-1-OL	E		E	E		E	E	E				E	E		G	E
PROPENEDIAMENE		E														
PROPENENITRILE	X					G	X	X				E				
PROPENYL ALCOHOL	E		E	E		E	E	E				E	E		G	E
PROPENYLANISOLE	X			X		X		X				E			G	
PROPIONIC ACID	E		E	G		E	C	C		X		E		X	X	E
PROPIONITRILE	E		E			E	G	X			X	E			X	
PROPYL ACETATE	G		E	X		X	X	X		X		E	E	X	X	E
PROPYL ALCOHOL	E		E	E		E	E	E		E	E	E	E	X	E	E
PROPYL ALDEHYDE	G			X		C		X				E	E		X	E
PROPYL BENZENE		C														
PROPYL CHLORIDE	C			X		X		X				E	E		G	E
PROPYL ETHER		E														
PROPYL NITRATE	G		G	X		X	X	X		X		E		X	X	

Chemical or Material Conveyed	Butyl	CPE	EPDM	Hypalon	Hytrel	Natural	Neoprene	Nitrile	Nylon	SBR	Santo-prene	Teflon	UHMW	Urethane	Viton	XLPE
PROPYLENE	X		X	X		X	X	X		X		E		X	E	
PROPYLENE DIAMINE	E			C		G		G				E				
PROPYLENE GLYCOL	C		E	E		E	C	E		E		E	E	G	E	
PYDRAUL, 'E' SERIES	G		G	X	G	X	X	X	G	X		E	E	X	E	E
PYDRAULIC 'C'	X		X	X	C	X	X	X	E	X	E	E		X	E	E
QUINTOLUBRIC 822 SERIES	X		X	X		X	X	G							E	E
RED OIL	X	X	C	G	E	X	C	E	E	X		E		G	E	E
REFRIGERANT 11	X		X	E	E	X	X	G		X		E		C	C	
REFRIGERANT 12	C	C	C	E	E	C	E	E	G	E	X	E		E	G	C
REFRIGERANT 22	X	C	E	E	X	C	E	X	G	E	X	E		X	C	C
RESORCINOL			G		X		X		X	G	X	E		X	E	
SAE NO. 10 OIL	X	G	X	X	E	X	C	E	E	X	X	E		E	E	
SAL AMMONIAC	E	G	E	E	E	E	E	E	C	E	E	E		G	E	
SEA WATER	E		E	E	E	E	G	E	E	E	E	E	E	C	E	E
SEWAGE	G		E	E	G	G	G	E	E	G	G	E	E	X	E	E
SILICATE ESTERS	C		X	G	C	X	E	G	G	X		E		E	E	
SILICATE OF SODA	E		E	E		E	E	E				E			E	E
SILICONE GREASE	E		E	E	E	E	E	E	E	E		E		E	E	E
SILICONE OIL	E		E	E	G	C	E	E	E	E		E	E	E	E	E
SILVER NITRATE	E		E	E		E	E	G	E	E		E	E	E	E	E
SKYDROL 500 TYPE 2	G	G	E	X	G	X	X	X	G	X	E	E		X	X	
SKYDROL 500B	G	G	E	X	E		X		E		E	E		C	X	
SKYDROL 500C	G	G		X	E		X					E			X	
SKYDROL 7000 TYPE 2	E	G	E	X	X	X	X	X	E	X		E		X	G	
SOAP SOLUTIONS	G	G	E	E	E	G	G	E	E	G	E	E	E	E	E	E
SODA ASH	E	G	E	E	G	E	E	E	G	E		E	E	G	E	E
SODA LIME	E		E	G		E	G	G				E	E	C	G	E
SODA NITER	E	G	E	E	G	G	G	G	E	G		E	E	G	E	E
SODA, CAUSTIC	E	C	E	E	C	G	E	C	G	E	C	E	E	G	X	E
SODIUM ACETATE	E		E	C		E	G	G	G	X		E	E	X	X	E
SODIUM ALUMINATE	E		E	E		G	E	E	G	G		E	E	E	E	E
SODIUM BICARBONATE	E		E	E	G	E	E	E	E	E		E	E	E	E	E
SODIUM BISULFATE	E	X	E	E	C	E	E	G	C	G		E	E	E	E	E
SODIUM BISULFITE	E		E	E	G	E	E	E	E	G		E	E	E	E	C
SODIUM BORATE	E		E	E	G	E	E	E	E	E		E	E	E	E	E
SODIUM CARBONATE 10% - 15%	G	G	E	E	G	E	E	E	G	E		E	E	G	E	E
SODIUM CHLORIDE	G	G	E	E	E	E	E	E	G	E	C	E	E	E	E	E
SODIUM CYANIDE	E	G	E	E	G	E	E	E	E	E		E	E	G	E	E
SODIUM DICHROMATE	E		C	G		X	C	E	G	G		E	E	G	C	G
SODIUM HYDRATE	E		E	G		E	G	G	G	G	E	C	G	E		
SODIUM HYDROCHLORITE	G		G	E		C	C	C	G	G		E		C	E	G
SODIUM HYDROXIDE (CAUSTIC SODA)	E	C	E	E	C	E	G	C	G	G	C	E	E	C	C	E
SODIUM HYPOCHLORITE	G	X	G	G	C	X	C	X	X	C	C	E	E	C	C	G
SODIUM METAPHOSPHATE	G		E	G		E	G	E	E	E		E	E	G	E	E
SODIUM NITRATE	E	G	E	E	G	G	G	G	E	G		E	E	G	E	E
SODIUM PERBORATE	E	X	E	G	G	G	G	G	E	G		E	E	E	E	E
SODIUM PEROXIDE	E	X	E	G	G	G	G	G	X	G		E	E	X	E	E
SODIUM PHOSPHATE	E		E	E	G	E	C	E	C	E		E	E	E	E	E
SODIUM SILICATE	E	G	E	E	G	E	E	E	E	E		E	E	G	E	E
SODIUM SULFATE	E	G	E	E	G	G	E	E	E	G		E	E	E	E	E
SODIUM SULFIDE	E	G	E	E	G	G	E	E	E	G		E	E	E	E	E
SODIUM SULFITE	E		E	E		G	E	E	E	G		E	E	E	E	E
SODIUM THIOSULFATE	E		E	E		E	E	E	G	G		E	E	E	E	E
SOYBEAN OIL	C	G	X	E	G	X	E	E	E	X		E	E	E	E	E
STANNIC CHLORIDE	G	X	E	C	G	G	C	E	C	E		E	E	G	E	E
STANNIC SULFIDE	E			E		E		E				E				E
STANNOUS CHLORIDE	G		C	E	G	E	E	E	C	E		E	E	C	E	E
STANNOUS SULFIDE	E			E		E		E				E				E

PVC Hose  
**A**

Rubber Hose  
**B**

Fittings  
**C**

Merchandiser Stand  
**D**

Chemical Charts  
**E**



**A** PVC Hose

**B** Rubber Hose

**C** Fittings

**D** Merchandiser Stand

**E** Chemical Charts

Chemical or Material Conveyed	Butyl	CPE	EPDM	Hypalon	Hytrel	Natural	Neoprene	Nitrile	Nylon	SBR	Santo-prene	Teflon	UHMW	Urethane	Viton	XLPE
STEARIC ACID	G	G	G	C	G	C	G	E	E	G	E	E	E	E	E	E
STODDARD SOLVENT	X	G	X	X	E	X	C	E	E	X	X	E	E	G	E	E
STYRENE MONOMER	X		X	X	X	X	X	X		X		E	G	C	G	G
SULFAMIC ACID	E	X	E	G	G	C	E	X	E	C						
SULFUR	F		F	F		X	X	X		X		E	E		G	X
SULFUR CHLORIDE	X	G	X	C	C	X	C	C	C	X		E	E	C	E	E
SULFUR DIOXIDE	G		E	C	X	C	X	X	X	C		E	G		E	C
SULFUR TRIOXIDE, DRY	G		G	C	X	C	X	X		X		E	X	G	E	G
SULFURIC ACID 60% (200F)	X	X	X		X		X	X	X	X			X		C	X
SULFURIC ACID, 25%	G	X	E	E	E	G	E	E	X	G	E	E	E	X	E	E
SULFURIC ACID, 25% - 50%	G	X	E	G	G	G	E	E	X	G		E	E	X	E	E
SULFURIC ACID, 50% - 96%	X	X	G	C	X	X	C	C	X	X		E	E	X	E	E
SULFURIC ACID, CONC. 96% TO 98%	X	X	X	X	X	X	X	X	X	X		E	E	X	G	C
SULFURIC ACID, FUMING	X	X	X	X	X	X	X	X	X	X		E	X	X	G	X
SULFUROUS ACID, 10%	E	X	E	E	C	G	G	C	C	G		E	E		E	E
SULFUROUS ACID, 10% - 85%	E	X	G	E	C	G	C	C	X	C		E	E	X	G	E
SUTAN												E			F	E
TALL OIL	X		X	C		X	C	E		X		E	E	E	E	C
TALLOW	G		E	C		C	G	E		X		E	E	E	E	C
TANNIC ACID	E	X	E	E	G	E	E	E	G	G	E	E	E	E	E	E
TAR, BITUMINOUS	X	G	X	C	G	C	C	G	G	X		E		G	E	
TAR, CAMPHOR	X	C	X	X	C	X	X	X	G	X	C	E	X	G	E	X
TARTARIC ACID	G	X	C	E	G	E	E	E	E	G	E	E	E	E	E	E
T-BUTYL AMINE			G	X												
TELONE 2																E
TERPINOL	C	E	C	X		X	X	G		X		E	G	G	E	G
TERTIARY BUTYL ALCOHOL	G		G	G		G	G	G		G		E	E	X	E	E
TERTIARY BUTYL AMINE			G	X												
TERTIARY BUTYL MERCAPTAN	X		X	X		X	X	X		X		E		X	E	
TETRACHLOROBENZENE	X		X	X		X	X	X				E		G	E	G
TETRACHLOROETHANE	X		X	X		X	X	X		X	C	E	C	X	E	
TETRACHLOROETHYLENE	X		X	X		X	X	C	C	X		E	G	X	E	E
TETRACHLOROMETHANE	X		X	X		X	X	X				E		C	E	E
TETRACHLORONAPHTHALENE	X			X		X		X				E			G	G
TETRAETHYLENE GLYCOL	E			E		E		E				E			E	
TETRAETHYLORTHOSILICATE	E					X	X	X				E				
TETRAHYDROFURAN	G		X	X	C	X	X	X	G	X	X	E	G	X	X	X
THFG		X	X	C	X	X	X	G	X	X	E	G	X	X	X	
TIN CHLORIDES	G		E	E		E	C	E				E	E	G	E	E
TITANIUM TETRACHLORIDE	X		X	X		X	X	C		X		E	G	X	E	
TOLUENE	X	C	X	X	C	X	X	X	E	X	X	E	E	X	E	E
TOLUIDINE	X		X	X		X	X	X				E			G	
TOLUOL	X	C	X	X	C	X	X	X	E	X	X	E		X	E	E
TRANSFORMER OIL	X		X	C		X	G	E		X		E	E	E	E	
TRANSMISSION 'A' OIL	X		X	G	G	X	G	E	G	X		E	E	E	E	F
TRI(2-HYDROXYETHYL) AMINE	G		E	E	X	G	X	C		G		E		X	X	
TRIBUTYL AMINE	E			C		G		G				E				
TRIBUTYL PHOSPHATE	G		E	X	C	X	X	X	G	X		E	E	X	X	E
TRICHLOROACETIC ACID	G		G	C	X	C	X	C	X	X		E	E	X	X	E
TRICHLOROBENZENE	X			X		X	X	X		X		E		X	G	
TRICHLOROETHANE	X		X	X		X	X	X	X	X		E		X	E	
TRICHLOROETHYLENE	X	C	X	X	X	X	X	X	C	X	X	E	G	X	E	G
TRICHLOROMETHANE	X	X	X	X	X	X	X	X	C	X	X	E		X	E	
TRICHLOROTOLUENE								X				E				
TRICRESYL PHOSPHATE	E		E	X	C	C	C	X	G	X		E	E	X	E	E
TRITHANOLAMINE	G		E	E	X	G	X	C		G		E	E	X	X	E
TRIETHYLAMINE	C		E			G	G	E		X		E		X	E	
TRIETHYLENE GLYCOL	E			E		E		E				E			E	
TRIHYDROXYBENZOIC ACID	G		G	G	X	E	G	G	G	G		E		X	E	





Chemical or Material Conveyed	Butyl	CPE	EPDM	Hypalon	Hytrek	Natural	Neoprene	Nitrile	Nylon	SBR	Santo-prene	Teflon	UHMW	Urethane	Viton	XLPE
TRIMETHYL PENTANES (MIXED)	X	E	X	C	E	X	C	E	E	X	X	E		G	E	
TRIMETHYL PENTENE		E														
TRIMETHYLAMINE		E										E	E			E
TRISODIUM PHOSPHATE	E		E	E	E	E	E	E	E	E		E	E	E	E	E
TRITOYL PHOSPHATE	E		E	X	C	X	X	X	G	X		E		X	E	E
TUNG OIL	X	C	X	E	G	X	E	E	G	X		E	E	C	E	E
TUNG OIL (CHINA OIL)	C	C	X	E	G	X	E	E	G	X		E	E	C	E	E
TURPENTINEX	X	G	X	X		X	X	X	E	X	X	E	G	E	E	G
UDMH	E		E	E		E	G	G		X		E		X	X	
UNDECYL ALCOHOL	E			E		E		E				E			G	
UREA	E		E	E	G	E	G	G	E			E	E	G	E	E
URETHANE FORMULATIONS								E	E			E				
URIC ACID					X				G			E	E		X	
VARNISH	X	C	X	X		X	X	G	E	X		E		C	E	
VEGETABLE OILS	C		C	G		X	C	E	G	X		E	E	E	E	E
VERSILUBE F44	E		E	E		E	E	E	E	E		E		E	E	
VERSILUBE F55	E		X	E		E	E	E	E	E		E		E	E	
VINEGAR	E		E	E	C	G	G	G	E	G		E	X	C	E	X
VINEGAR ACID		G														
VINYL ACETATE	E		G	C		X	X	X		X		X	E	X	E	E
VINYL BENZENE	X		X	X	X	X	X	X		X		E	E	C	G	E
VINYL CHLORIDE (GAS)	X		G			G						E	E			E
VINYL CYANIDE	X	E	X	C		C	C	X	E	C	X	E		X	C	E
VINYL ETHER	X			G		X		G				E	E		X	E
VINYL STYRENE	X			X		X				X		E	E		E	E
VINYL TOLUENE	X			X		X		X				E	E		E	E
VINYL TRICHLORIDE	X			X		X	X	X				E	E		E	E
VITAL, 4300, 5310			X					X	E			E				
VM&P NAPHTHA	X		X	X		X	C	C				E			E	X
WATER	E	G	E	E	E	E	G	E	E	G	E	E	E	E	E	E
WATER, BOILING	E		E	E	C		G	G	X	G	G	G	X	G	G	X
WATER, SODA					E				E		E	E				
WEMCO C	X		X	X		X	G	E		X				E	E	
WHISKEY	E		E	E	G	E	E	E	E	E		E	X	X	E	X
WHITE OIL	X		X	X		X	G	E		X		E	E	E	E	X
WHITE PINE OIL	X		X	X		X	X	G		X		E		E	E	
WINES	E		E	E		G	E	E	E	E	E	E	X	X	E	X
WOOD ALCOHOL	E		E	E		E	E	E		E		E	E	X	C	E
WOOD OIL	C		X	C	G	X	G	E	G	X		E	E	C	E	E
XENON	E		E	E		E	E	E		E		E		E	E	
XYLENE, XYLOL	X	C	X	X	C	X	X	X	G	X	X	E	C	C	E	C
XYLIDINE	G		C	X		X	X	C		X		E	G		C	G
ZEOLITES	E		E	E		E	E	E		E					E	
ZINC ACETATE	E		E	C		E	G	G		X		E		X	C	
ZINC CARBONATE	E		E	E		E	E	E				E	E	E	E	E
ZINC CHLORIDE	E	X	E	E	E	E	E	E	E	E		E	E	G	E	E
ZINC CHROMATE	E			C								E				G
ZINC SULFATE	E	X	E	E	C	E	E	E	X	G		E	E	G	E	E

PVC Hose  
**A**

Rubber Hose  
**B**

Fittings  
**C**

Merchandiser Stand  
**D**

Chemical Charts  
**E**



# General Thermoplastic Chemical Resistance Guide

Warning! The following data is based on test and believed to be reliable. However, tabulations should be used as a guide only since it does not take into consideration all possible variables. All critical applications should be tested.

Key: E = Excellent • G = Good • C = Conditional • U = Unsatisfactory

PVC Hose  
**A**

Rubber Hose  
**B**

Fittings  
**C**

Merchandiser Stand  
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Chemical Charts  
**E**

Material Handled	PVC		Rubber Blend	
	20°C	60°C	20°C	60°C
Acetaldehyde	U	U	C	U
Acetate Solvents-Pure	U	U	G	C
Acetic Acid - Glacial	C	U	U	U
Acetic Acid 0-10%	E	G	E	G
Acetic Acid 10-20%	G	C	G	C
Acetic Acid 20-30 Pct	G	C	G	C
Acetic Acid 30-60%	G	C	C	C
Acetic Acid 80%	C	C	U	U
Acetic Acid Vapors	G	G	G	C
Acetic Anhydride	U	U	U	U
Acetone	U	U	C	U
Acetylene	C	C	U	U
Acrylonitrile	C	U	-	-
Adipic Acid	G	C	G	C
Alcohol (see type)	-	-	-	-
Allyl Alcohol 96%	U	U	E	G
Allyl Chloride	U	U	G	C
Alum	E	E	E	E
Aluminum Chloride	E	E	G	G
Aluminum Fluoride	G	G	G	G
Aluminum Hydroxide	E	E	G	G
Aluminum Nitrate	E	E	E	E
Aluminum Oxychloride	E	E	G	G
Aluminum Sulfate	E	E	E	E
Ammonia - Aqueous	C	U	G	G
Ammonia - Dry Gas	C	U	E	E
Ammonia - Liquid	U	U	G	C
Ammonium Carbonate	E	E	E	E
Ammonium Chloride	E	E	E	E
Ammonium Fluoride 25%	U	U	G	G
Ammonium Hydroxide 28%	C	U	G	G
Ammonium Metaphosphate	E	E	G	G
Ammonium Nitrate	E	E	E	E
Ammonium Persulfate	E	E	E	E
Ammonium Phosphate	G	G	G	G
Ammonium Phosphate Neutral	E	E	G	G
Ammonium Sulfate	E	E	E	E
Ammonium Sulfide	E	E	E	E
Ammonium Thiocyanate	E	E	E	E
Amyl Acetate	U	U	U	U
Amyl Alcohol	C	U	G	C
Amyl Chloride	U	U	U	U
Aniline	U	U	U	U
Aniline Chlorohydrate	U	U	U	U
Aniline Hydrochloride	U	U	U	U
Animal Oils	C	U	U	U
Anthraquinone	E	E	E	E
Anthraquinonesulfonic Acid	E	E	E	E

Material Handled	PVC		Rubber Blend	
	20°C	60°C	20°C	60°C
Antimony Trichloride	E	E	E	E
Apple (sauce or juice)	E	E	-	-
Aqua Regia	C	U	U	U
Aromatic Hydrocarbons	U	U	-	-
Arsenic Acid 80%	E	G	E	E
Arylsulfonic Acid	C	U	-	-
Asphalt	C	U	C	U
ASTM # 1 Oil	C	U	-	-
ASTM # 3 Oil	C	U	-	-
ASTM Fuel A	C	U	-	-
ASTM Fuel B	U	U	-	-
ASTM Fuel C	U	U	-	-
Barium Carbonate	E	E	E	E
Barium Chloride	E	E	E	E
Barium Hydroxide	E	E	E	E
Barium Sulfate	E	E	E	E
Barium Sulfide	E	E	E	E
Beer	E	C	-	-
Beet-Sugar Liquor	E	E	E	E
Benzaldehyde	U	U	U	U
Benzene	U	U	U	U
Benzoic Acid	G	C	G	G
Benzol	U	U	U	U
Bismuth Carbonate	E	E	E	E
Black Liquor (paper industry)	E	E	E	E
Bleach-12.5% Active CL	G	C	G	C
Borax	E	E	E	E
Boric Acid	E	E	E	E
Boron Trifluoride	E	E	E	E
Brake Fluid	U	U	-	-
Brine	E	E	E	E
Bromic Acid	E	C	G	G
Bromine - Liquid	U	U	U	U
Bromine - Water	U	U	U	U
Butadiene	C	U	U	U
Butane	C	C	U	U
Butanol - Primary	U	U	E	G
Butanol - Secondary	U	U	E	G
Butter	C	C	-	-
Butyl Acetate	U	U	U	U
Butyl Alcohol	C	U	E	G
Butyl Cellosolve	U	U	G	C
Butyl Phenol	C	U	U	U
Butylene	C	C	U	U
Butyric Acid 20%	C	U	U	U
Calcium Bisulfite	E	E	E	E
Calcium Carbonate	E	E	E	E
Calcium Chlorate	E	E	E	E



Material Handled	PVC		Rubber Blend	
	20°C	60°C	20°C	60°C
Calcium Chloride	E	E	E	E
Calcium Hydroxide	E	E	E	E
Calcium Hypochlorite	E	E	E	E
Calcium Nitrate	E	E	E	E
Calcium Sulfate	E	E	E	E
Cane Sugar Liquors	E	E	G	G
Carbon Bisulfide	U	U	U	U
Carbon Dioxide (Aqueous Solution)	E	E	E	E
Carbon Dioxide Gas (wet)	E	E	E	E
Carbon Monoxide	E	E	G	G
Carbon Tetrachloride	U	U	U	U
Carbonic Acid	C	U	G	G
Casein	E	C	E	E
Castor Oil	E	E	U	U
Catsup	E	G	-	-
Caustic Potash	E	E	C	C
Caustic Soda	E	E	G	C
Cellosolve	C	U	G	C
Chloracetic Acid	E	U	U	U
Chloral Hydrate	E	E	U	U
Chloric Acid 20%	E	E	-	-
Chlorinated Hydrocarbons	U	U	U	U
Chlorine Gas (dry)	G	G	U	U
Chlorine Gas (moist)	C	U	U	U
Chlorine Water 2%	G	C	C	U
Chlorine Water Saturated	C	U	-	-
Chlorobenzene	U	U	U	U
Chloroform	U	U	U	U
Chlorsulfonic Acid	C	U	U	U
Chrome Alum	E	E	G	G
Chromic Acid 10%	G	C	G	C
Chromic Acid 25%	G	C	G	C
Chromic Acid 30%	C	U	C	U
Chromic Acid 40%	C	U	C	U
Chromic Acid 50%	C	U	C	U
Chromic Acid Plating Solution	-	-	-	-
Cider	E	C	-	-
Citric Acid	E	E	E	E
Coal Tar	U	U	U	U
Coconut Oil	G	C	G	C
Copper Chloride	E	E	E	E
Copper Cyanide	E	E	E	E
Copper Fluoride 2%	E	E	E	E
Copper Nitrate	E	G	E	G
Copper Sulfate	E	G	E	E
Corn Oils	E	G	-	-
Cottonseed Oil	G	C	E	G
Cresote	U	U	U	U
Cresol	U	U	U	U
Cresylic Acid 50%	U	U	U	U
Crude Oil - Sour	C	U	U	U
Crude Oil - Sweet	C	U	U	U
Cyclohexane	U	U	C	U
Cyclohexanol	U	U	C	U
Cyclohexanone	U	U	U	U
Deminerlized Water	E	E	E	E

Material Handled	PVC		Rubber Blend	
	20°C	60°C	20°C	60°C
Dextrin	E	E	E	E
Dextrose	E	G	E	E
Di-acetone Alcohol	-	-	-	-
Diazo Salts	E	E	E	G
Dichlorobenzene	U	U	-	-
Diesel Oils	C	U	-	-
Diethyl Ether	U	U	-	-
Diethylene Glycol	G	C	E	C
Diglycolic Acid	E	G	E	G
Di-isodecyl Phthalate	U	U	-	-
Dimethylamine	U	U	U	U
Diocetyl Phthalate	U	U	-	-
Disodium Phosphate	E	E	E	E
Distilled Water	E	E	E	E
Ethers	U	U	U	U
Ethyl Acetate	U	U	C	U
Ethyl Acrylate	U	U	-	-
Ethyl Alcohol 0 - 50%	G	C	G	C
Ethyl Alcohol 50%-98%	C	U	C	U
Ethyl Chloride	U	U	U	U
Ethyl Ether	U	U	U	U
Ethylene Bromide	E	U	U	U
Ethylene Dichloride	U	U	U	U
Ethylene Glycol	E	E	E	G
Ethylene Oxide	U	U	U	U
Fatty Acids	E	E	G	C
Ferric Chloride	E	E	E	E
Ferric Nitrate	E	E	E	E
Ferric Sulfate	E	E	E	E
Ferrous Chloride	E	E	E	E
Ferrous Sulfate	E	E	E	E
Fish Solubles	E	E	E	E
Fluorine Gas - Dry	U	U	U	U
Fluorine Gas - Wet	U	U	U	U
Fluoroboric Acid	E	E	E	E
Fluorosilicic Acid	E	E	G	C
Foric Acid	E	C	E	G
Fomaldehyde (40% aqueouse)	U	U	G	C
Formic Acid 3%	-	-	-	-
Formic Acid 10%	-	-	-	-
Formic Acid 25%	-	-	-	-
Formic Acid 50%	-	-	-	-
Formic Acid 100%	-	-	-	-
Freon-12	C	U	G	C
Fructose	E	E	E	E
Fruit Pulpes & Juices	E	E	E	E
Fuel Oil	G	C	U	U
Furfural	U	U	U	U
Furfuryl Alcohol	-	-	-	-
Gallic Acid	E	E	E	E
Gas - Coke Oven	G	G	-	-
Gas - Natural (dry)	C	C	U	U
Gas - Natural (wet)	C	C	U	U
Gasoline	U	U	U	U
Gasoline - Refined	C	U	C	U
Gasoline - Sour	C	U	U	U

PVC Hose  
**A**

Rubber Hose  
**B**

Fittings  
**C**

Merchandiser Stand  
**D**

Chemical Charts  
**E**

**A** PVC Hose

**B** Rubber Hose

**C** Fittings

**D** Merchandiser Stand

**E** Chemical Charts

Material Handled	PVC		Rubber Blend	
	20°C	60°C	20°C	60°C
Gelatine	E	E	E	E
Glucose	E	E	E	E
Glycerine (glycerol)	E	E	E	E
Glycol	E	E	E	E
Glycolic Acid 30%	E	E	E	E
Grease	E	C	-	-
Green Liquor (paper industry)	E	E	E	E
Heptane	C	U	U	U
Hexadecanol	-	-	-	-
Hexane	C	U	G	C
Hexanol, Tertiary	C	U	G	C
Hydrobromic Acid 20%	E	G	G	G
Hydrochloric Acid 10%	E	G	E	E
Hydrochloric Acid 48%	E	G	E	G
Hydrofluoric Acid 4%	G	G	G	G
Hydrofluoric Acid 10%	G	C	G	G
Hydrofluoric Acid 48%	G	U	G	C
Hydrofluoric Acid 60%	G	U	G	C
Hydrofluorosilic Acid	G	C	-	-
Hydrogen	C	C	C	C
Hydrogen Bromide (dry)	-	-	-	-
Hydrogen Chloride (dry)	-	-	-	-
Hydrogen Cyanide	C	C	C	C
Hydrogen Peroxide 3 - 12%	E	G	G	C
Hydrogen Peroxide 30%	E	G	G	C
Hydrogen Peroxide 50%	E	C	C	U
Hydrogen Peroxide 90%	U	U	U	U
Hydrogen Phosphide	E	C	G	G
Hydrogen Sulfide (aqueous solution)	E	E	E	G
Hydrogen Sulfide - Dry	E	E	E	G
Hydrobromic Acid 20%	E	G	G	G
Hydroquinone	E	E	E	E
Hypochlorous Acid	E	E	E	G
Inks	-	-	-	-
-Iodine (in alcohol)	U	U	U	U
Is-octane	C	U	-	-
Isopropyl Acetate	U	U	-	-
Isopropyl Alcohol	E	G	E	E
Jelly	E	E	-	-
-Jet Fuels JP 3,4,5	U	U	U	U
Kerosene	U	U	U	U
Ketones	U	U	C	U
Kraft Liquor (paper industry)	E	E	E	G
Lacquer Thinners	U	U	G	C
Lactic Acid 28%	E	E	E	E
Lard Oil	E	G	G	C
Lauric Acid	E	E	-	-
Lauryl Chloride	E	E	C	U
Lauryl Sulfate	E	E	U	U
Lead Acetate	E	E	E	E
Lead Arsenate	E	E	-	-
Lead Nitrate	E	E	-	-
Lead Tetra-ethyl	E	E	-	-
Lemon Juice	E	G	-	-
Lime Sulfur	E	E	G	G
Linoleic Acid	E	E	-	-

Material Handled	PVC		Rubber Blend	
	20°C	60°C	20°C	60°C
Linseed Oil	E	E	U	U
Liquors (chemical)	E	G	-	-
Lubricating Oils	G	C	U	U
Magnesium Carbonate	E	E	E	E
Magnesium Chloride	E	E	E	E
Magnesium Hydroxide	E	E	E	E
Magnesium Nitrate	E	E	E	E
Magnesium Sulfate	E	E	E	E
Maleic Acid 25% Aqueous	E	E	G	G
Maleic Acid 50%	-	-	-	-
Maleic Acid Concentrated	-	-	-	-
Malic Acid	E	E	G	G
Mayonnaise	E	E	-	-
Mercuric Chloride	G	C	G	G
Mercuric Cyanide	U	U	G	G
Mercurous Nitrate	G	G	G	G
Mercury	G	G	G	G
Methyl Acetate	U	U	-	-
Methyl Alcohol	C	U	G	G
Methyl Bromide	U	U	-	-
Methyl Chloride	U	U	U	U
Methyl Ethyl Ketone	U	U	C	U
Methyl Isobutyl Ketone	U	U	C	U
Methyl Sulfate	E	G	-	-
Methyl Sulfuric Acid	E	E	G	G
Methylated Spirit	-	-	-	-
Methylene Chloride	U	U	U	U
Milk	E	E	-	-
GMineral Oils	G	C	C	U
Mineral Spirits	-	-	-	-
Molasses	E	E	E	E
Monochlorobenzene	U	U	-	-
Naphtha	U	U	U	U
Napthalene	U	U	C	U
Nickel Acetate	E	E	E	E
Nickel Chloride	E	E	E	E
Nickel Nitrate	E	E	E	E
Nickel Sulphate	E	E	E	E
Nicotine	E	E	E	E
Nicotine Acid	E	G	E	E
Nitric Acid (anhydrous)	U	U	U	U
Nitric Acid 10%	E	G	G	C
Nitric Acid 25%	G	C	G	C
Nitric Acid 35%	G	C	C	U
Nitric Acid 40%	G	C	C	U
Nitric Acid 50%	G	U	C	U
Nitric Acid 60%	G	U	U	U
Nitric Acid 68%	C	U	U	U
Nitric Acid 70%	U	U	U	U
Nitrobenzene	U	U	U	U
Nitrous Oxide	E	E	-	-
Oils & Fats	E	G	G	C
Oils, Petroleum	E	G	G	C
Oleic Acid	G	C	C	U
Oleum	U	U	U	U
Orange Juice	E	E	-	-



Material Handled	PVC		Rubber Blend	
	20°C	60°C	20°C	60°C
Oxalic Acid	E	G	G	G
Oxygen	E	G	G	-
Ozone	C	U	U	U
Palmitic Acid 10%	E	E	G	C
Palmitic Acid 70%	C	U	G	U
Paraffin	E	G	-	-
Pentane	C	U	-	-
Peracetic Acid 40%	U	U	-	-
Perchloroethylene	U	U	U	U
Perchloric Acid 10%	G	C	G	G
Perchloric Acid 70%	C	U	G	C
Petrol	U	U	U	U
Petroleum Ether	C	C	-	-
Phenol	U	U	U	U
Phenylhydrazine	U	U	C	U
Phenylhydrazine Hydrochloride	C	U	C	U
Phosgene (gas)	C	C	-	-
Phosgene (liquid)	U	U	-	-
Phosphoric Acid 0 - 25%	E	G	E	G
Phosphoric Acid 25 - 50%	E	G	E	G
Phosphoric Acid 50 - 90%	E	G	G	C
Phosphorus (yellow)	G	C	C	C
Phosphorus Pentoxide	C	U	C	C
Phosphorus Trichloride	U	U	C	U
Photographic Developers	C	U	-	-
Photographic Emulsions	C	U	-	-
Photographic Fixers	C	U	-	-
Picric Acid	U	U	G	U
Pitch	G	C	-	-
-				
<b>PLATING SOLUTIONS</b>				
Brass	E	E	G	G
Cadmium	E	E	G	G
Chromium	G	G	U	U
Copper	E	E	G	G
Gold	E	E	G	G
Judium	E	E	G	G
Lead	E	E	G	G
Nickel	E	E	G	G
Rhodium	E	E	G	G
Silver	E	E	G	G
TinE	E	E	G	C
Zinc	E	G	E	G
CPotable Water	E	G	-	-
Potassium Acid Sulfate	E	E	E	G
Potassium Antimonate	E	E	E	E
Potassium Bicarbonate	E	E	E	E
Potassium Bichromate	E	E	E	E
Potassium Bisulfite	E	E	E	E
Potassium Bisulphate	G	C	-	-
Potassium Borate 1%	E	E	E	E
Potassium Bromate 10%	E	E	E	G
Potassium Bromide	E	E	E	G
Potassium Carbonate	E	E	E	E
Potassium Chlorate	E	E	E	E
Potassium Chloride	E	E	E	E

Material Handled	PVC		Rubber Blend	
	20°C	60°C	20°C	60°C
Potassium Chromate 40%	E	E	E	E
Potassium Cuprocyanide	E	E	E	E
Potassium Cyanide	C	C	C	C
Potassium Dichromate 40%	E	E	E	E
Potassium Ferricyanide	E	E	E	E
Potassium Fluoride	E	E	E	E
Potassium Hydroxide 10%	E	E	E	E
Potassium Hydroxide 20%	E	E	E	E
Potassium Hydroxide 35%	E	E	G	C
Potassium Hydroxide Conc.	-	-	-	-
Potassium Hypochlorite	G	C	G	G
Potassium Nitrate	E	E	G	G
Potassium Perborate	E	E	G	C
Potassium Perchlorite	E	E	G	G
Potassium Permanganate 10%	G	G	E	E
Potassium Persulfate	E	E	E	E
Potassium Phosphate	-	-	-	-
Potassium Sulfate	E	E	E	E
Potassium Sulfide	E	E	E	E
Potassium Thiosulfate	E	E	E	E
Power Steering Fluid	E	C	-	-
Propane	C	C	U	U
Propargyl Alcohol	E	E	G	G
Propyl Alcohol	E	C	E	E
Propylene Dichloride	U	U	U	U
Propylene Glycol	-	-	-	-
Prune Juice	E	E	-	-
Ritchfield "A" Weed Killer	E	C	-	-
Salicylic Acid	-	-	-	-
Salt Water	E	E	E	E
Selenic Acid	E	G	G	C
Shortening	G	C	-	-
Silicic Acid	E	E	E	E
Silicone Fluids	-	-	-	-
Silver Cyanide	E	E	E	E
Silver Nitrate	E	E	E	E
Silver Plating Solutions	E	G	E	G
Soap Solution	E	G	E	G
Sodium Acetate	E	E	E	E
Sodium Acid Sulfate	E	E	E	E
Sodium Antimonate	E	E	E	E
Sodium Arsenite	E	E	E	E
Sodium Benzoate	E	G	E	E
Sodium Bicarbonate	E	E	E	E
Sodium Bisulfate	E	E	E	E
Sodium Bisulfite	E	E	E	E
Sodium Bromide	E	E	E	E
Sodium Carbonate (soda ash)	E	E	E	E
Sodium Chlorate	G	C	E	E
Sodium Chloride	E	E	E	E
Sodium Cyanide	E	E	E	E
Sodium Dichromate	E	G	E	E
Sodium Ferricyanide	E	E	E	E
Sodium Ferrocyanide	E	E	E	E
Sodium Fluoride	E	E	E	E
Sodium Hydroxide 10%	E	E	E	E

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Chemical Charts  
**E**

PVC Hose  
**A**

Rubber Hose  
**B**

Fittings  
**C**

Merchandiser Stand  
**D**

Chemical Charts  
**E**

Material Handled	PVC		Rubber Blend	
	20°C	60°C	20°C	60°C
Sodium Hydroxide 35%	E	G	E	E
Sodium Hydroxide 50%	G	C	-	-
Sodium Hypochlorite	E	E	E	E
Sodium Nitrate	E	E	E	E
Sodium Nitrite	E	E	E	E
Sodium Phosphate-Acid	G	G	E	E
Sodium Silicate	E	E	E	E
Sodium Sulfate	E	E	E	E
Sodium Sulfide	E	E	E	E
Sodium Sulfite	E	E	E	E
Sodium Thisulfate (hypo)	E	E	E	E
Soft Drinks	E	G	-	-
Soya Oil	E	G	-	-
Soybean Oil	G	C	-	-
Stannic Chloride	E	E	E	E
Stannous Chloride	E	G	E	E
Starch	-	-	-	-
Stearic Acid	C	C	E	E
Stoddard Solvent	C	U	G	C
Styrene	U	U	-	-
Sucrose	-	-	-	-
Sulfur	G	G	E	E
Sulfuric Acid 0 - 10%	E	G	E	G
Sulfuric Acid 10 - 40%	E	G	G	G
Sulfuric Acid 50 - 60%	E	G	G	C
Sulfuric Acid 70%	E	G	C	U
Sulfuric Acid 95%	U	U	U	U
Sulfuric Acid 95% Fuming	C	C	U	U
Sulfurous Acid	E	E	G	C
Sulphur Dioxide - Liquid	C	U	U	U
Sulphur Dioxide Gas - Dry	E	E	G	G
Sulphur Dioxide Gas - Wet	C	U	G	C
Sulphur Trioxide	E	G	U	U
Sulphurous Acid 10%	-	-	-	-
Sulphurous Acid 30%	-	-	-	-
Tallow	-	-	-	-
Tannic Acid	E	E	E	E
Tanning Extracts	-	-	-	-
Tanning Liquors	E	E	G	C
Tartaric Acid	E	E	E	E
Tea (brewed)	E	G	-	-
Tetraethyl Lead	G	C	-	-
Tetrahydrofurane	U	U	U	U
Thionyl Chloride	U	U	U	U
Tin Chloride	E	E	-	-
Titanium Tertachloride	E	U	-	-
Titanium Trichloride	-	-	-	-
Toluol or Toluene	U	U	U	U
Tomato Juice	E	E	-	-
Transformer Oil	-	-	-	-
Transmission Fluid	E	C	-	-
Tributyl Phosphate	U	U	-	-
Trichlorobenzene	U	U	-	-
Trichloroethylene	U	U	U	U
Tricresyl Phosphate	U	U	C	C
Triethanolamine	C	U	G	C

Material Handled	PVC		Rubber Blend	
	20°C	60°C	20°C	60°C
Triethylamine	G	C	-	-
Triemethyl Propane	C	U	-	-
Trisodium Phosphate	E	E	E	E
Turpentine	C	U	C	U
Urea	E	E	E	E
Urine	E	E	E	E
Varnish	U	U	G	C
Varsol	-	-	-	-
Vegetable Oils	G	C	-	-
Vinegar	E	E	E	G
Vinyl Acetate	U	U	C	U
Vinyl Chloride	U	U	-	-
Water-Acid Mine Water	E	E	E	E
Water-Distilled	E	E	E	E
Water-Fresh	E	E	E	E
Water-Salt	E	E	E	E
Whey	E	G	-	-
Whiskey	C	U	-	-
White Gasoline	E	E	U	U
White Liquor (paper industry)	E	E	-	-
Wines	G	C	-	-
Xylene or Xylol	U	U	U	U
Zinc Chloride	E	E	E	E
Zinc Chromate	E	E	E	E
Zinc Cyanide	E	E	E	E
Zinc Nitrate	E	E	E	E
Zinc Sulfate	E	E	E	E
<b>MIXTURES OF ACIDS</b>				
Nitric 15%, Hydrofluoric 4%	E	G	-	-
Sodium Dichromate 13%, Nictic Acid 16%, Water	E	G	E	E



PVC Hose  
**A**

Rubber Hose  
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Fittings  
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Merchandiser  
Stand  
**D**

Chemical  
Charts  
**E**

**A** PVC Hose

**B** Rubber Hose

**C** Fittings

**D** Merchandiser Stand

**E** Chemical Charts



PVC Hose

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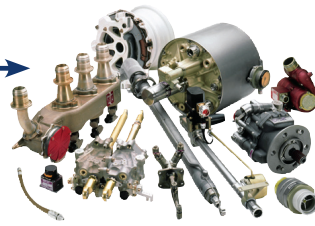
## Aerospace

### Key Markets

- Commercial transports
- Military aircraft
- Regional transports
- Aircraft engines
- Business and general aviation

### Key Products

- Flight control systems and components
- Hydraulic systems and components
- Fuel systems and components
- Pneumatic systems and components
- Inert oxygen generating systems
- Fluid metering, delivery and atomization devices
- Wheels and brakes
- Couplings, fittings, hoses and tubes



## Automation

### Key Markets

- Factory automation
- Transportation and automotive
- Life sciences and medical
- Machine tools
- Semiconductor and electronics

### Key Products

- Pneumatic motion and control
- Air preparation
- Vacuum controls and sensors
- Electromechanical stepper and servo motors, drives, and controls
- Human machine interface
- Electric actuators, gantry robots, slides and linear motors
- Structural extrusion



## Climate & Industrial Controls

### Key Markets

- Refrigeration and air conditioning
- Transportation/mobile
- Process
- Industrial machinery
- Medical/life sciences
- Fuel cells
- Precision cooling

### Key Products

- Pressure regulators
- Check, ball and service valves
- Value-added systems
- Thermostatic and expansion valves
- Electronic controllers
- Contaminant controls
- Heating/air conditioning hose
- Gerotors



## Filtration

### Key Markets

- Industrial machinery
- Process
- Mobile
- Marine
- Oil & gas
- Power generation and energy
- Transportation
- Food and beverage

### Key Products

- Hydraulic, lubrication and coolant filters
- Process, chemical, water and microfiltration filters
- Compressed air and gas purification filters
- Condition monitoring
- Analytical gas generators
- Nitrogen, hydrogen and zero air generators
- Engine air, fuel, oil filtration and systems



## Fluid Connectors

### Key Markets

- Construction machinery
- Agriculture
- Transportation
- Mobile
- Industrial machinery
- Oil & gas

### Key Products

- Rubber and thermoplastic hose
- Industrial hose
- Tube fittings and adaptors
- Tubing and plastic fittings
- Brass fittings and valves
- Hose couplings
- Quick disconnects



## Hydraulics

### Key Markets

- Construction machinery
- Agriculture
- Industrial machinery
- Oil & gas
- Truck hydraulics
- Power generation and energy

### Key Products

- Hydraulic cylinders and accumulators
- Hydraulic valves and controls
- Hydraulic motors and pumps
- Power take-offs
- Hydraulic systems



## Instrumentation

### Key Markets

- Power generation
- Oil & gas
- Petrochemical
- Microelectronics
- Biopharmaceutical

### Key Products

- Medium/high pressure fittings and valves
- Instrumentation fittings, valves, manifolds and regulators
- High purity fittings, valves and regulators
- Fluoropolymer fittings, valves, pumps and regulators
- Analytical systems



## Seal

### Key Markets

- Transportation
- Energy, oil & gas
- Semiconductor
- Aerospace
- Fluid power
- Life sciences
- Telecommunications

### Key Products

- Elastomeric O-rings
- Homogeneous and inserted elastomeric shapes and diaphragms
- Metal and plastic retained composite seals
- Polymeric and plastic dynamic seals
- Rubber and plastic boots/bellows
- Extruded and precision-cut/fabricated elastomeric seals
- Thermoplastic engineered seals



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