



NEOPRENE RUBBER (CR)

MATERIAL SPECIFICATIONS

“ ChangExp CR

CR rubber (Chloroprene) is the common name for the organic compound, this synthetic rubber sheet is better known to the public as Neoprene. Neoprene rubber exhibits good chemical stability and maintains flexibility over a wide temperature range. Neoprene resistance of degradation is better than natural rubber sheet or any other synthetic rubber sheet. This makes it very suitable for demanding applications such as gaskets, hoses, corrosion resistant lining. It resists burning better than other synthetic hydrocarbon based rubbers. Resulting in its appearance in weather stripping for fire doors, electrical control boxes and transformers. Neoprene is used in every bearing base in civil engineering especially for bridge construction.

ChangExp CR rubber sheet is an all-purpose elastomer with an extremely versatile synthetic rubber used in every industry application. Neoprene rubber sheet is excellent at resisting degradation from sun, ozone and weather, performs well in contact with oils and chemicals. Neoprene rubber maintains its strength, flexibility, twisting and elongation very well over a wide temperature range while having outstanding physical toughness. ”



FEATURES

- Standard Width : 1000mm
- Width Range : 100mm - 1500mm
- Length : 10m
- Thickness : From 1mm to 50mm
- Standard Color : Black
- Work Temperature : +110 °C

Advantage

- Good resistance to abrasion and flex cracking
- Moderate oil resistance
- Resilience to alkaline and acid
- Good natural aging
- Good resistance to abrasion

Applications

- Gasket & seals
- Chemical container liner

ADDRESS : 36/17 Moo 13, Buengkhamproi, Lam Luk Ka
Pathumthani 12150

AEP VENTURE (THAILAND) CO., LTD.

www.aepventure.com



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SPECIFICATION	TEST METHOD	TEST RESULT	UNIT		
Specific Gravity	ASTM D297	1.45	g/cm ³		
Hardness	ASTM D2240	80 +/-5	Shore A		
Tensile Strength	ASTM D-412	5	MPa		
Elongation	ASTM D-412	200	%		
Tear Strength	ASTM D-624	35	kgf/cm		
Compression Set (22 Hours at 70 °C)	ASTM D-395	20	mm ³		
WORKING TEMPERATURE					
In Air		-25 °C	+100 °C		
In Oil			-		
In Water			+100 °C		
MAIN CHARACTERISTICS					
ELASTICITY	COMPRESSION	ABRASION	FLAME	FUELS	OZONE
Good	Fair	Unsuitable	Good	Fair	Good

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