

PILOTSEAL Neoprene



Physical Properties*

Base Polymer	Neoprene Rubber	
Indentation Hardness	ASTM D2240 00	60 degrees
Specific Gravity	ASTM D792	1.38 g/cm ³
Tensile Strength Min.	ASTM D412	13MPa
Elongation @ Break Min.	ASTM D412	250%
Min. Cont. Work Temp.		- 30°C
Max. Cont. Work Temp.		70°C
Max. Intermittent Work Temp.		90°C
Compression Set 70°C 22 Hours	ASTM D395 Meth B 25%	

Description

Chloroprene Rubber is normally abbreviated to CR, but more commonly known as Neoprene and is a synthetic Polymer. Rubber Sheetting described as Neoprene will be a blend of polymers including a percentage of Chloroprene. Specification Grades will container higher levels of Chloroprene than commercial grades. Typically used in applications where Flame Retardency and Ozone Resistance are required.

Applications and Characteristics

Food Use	Not recommended
Water Use	Fair
Mineral Oil Use	Good
Abrasion resistance	Good
Ozone weather resistance	Excellent
Flame retardency	Good
Electrical resistance	Not recommended
General Purpose	Not recommended

Sizes Available		
Thickness Range	1 to 6mm	10m rolls
Thickness Range	8 to 25mm	5m rolls
Standard Width	1.4m	

* Typical Shore Hardness range 40—70 also available