



Colour - Black

DATA / SPECIFICATION SHEET

Neoprene

DESCRIPTION

Chloroprene was the first synthetic elastomer material, developed by DuPont around 1930, and marketed by that company under the trade name Neoprene. It has good air and ozone resistance, reasonable all-round chemical resistance and good mechanical properties which it retains reasonably over a wide temperature range. The good ozone resistance leads to applications in the civil engineering field and is also found as a seal material in compressed air systems.

SERVICE

Resistant to: Mineral oils and greases, LPG, fuel oils, water, dilute acids, water and glycol-based hydraulic fluids, vegetable oils.

Not suitable for: Aromatic hydrocarbons (benzene, high octane gasoline, etc.), polar solvents, glycol-based brake fluid, ozone and weather ageing, strong acids, high temperatures.

PROPERTIES

Density	1.5 g/cc
Tensile Strength	3 MPa
Elongation	200%
Hardness	70 ± 5
Temperature Range	-20°C to 90°C

AVAILABILITY

Thickness range	= 1.0mm to 6.0mm (standard)
Standard sheet sizes	or by order
	= 1.2m X 1.0m
	1.2m X 2.0m
	1.2m X 5.0m
	1.2m X 10.0m

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