



NEOPRENE HG RUBBER

75 Duro, Abrasion Resistant, Fuel & Oil Resistant, UV Resistant, High Grade | Neoprene Rubber

FEATURES

Industrial Gaskets Neoprene HG Rubber is made from a premium Neoprene rubber compound and will display high temperature and flame resistance.

Neoprene HG has excellent physical properties including mechanical strength and abrasion resistance and has the capability for high load bearing. It has excellent ozone/ UV resistance making it weather resistant and suitable for prolonged outdoor use.

Neoprene HG exhibits good resistance to oil and petroleum based products including a range of fuels, greases, solvents and hydraulic fluids. It will also display moderate chemical resistance to acids and alkalis.

Neoprene HG is F.R.A.S. (Fire-resistant and Anti-static) rated. It is independently tested and certified by the Mine Safety Technology Centre to meet MDG 3006 / MDG 3608 Non-metallic Materials for use in Underground Coal Mines.

Polymer Content	CR - 80%	
Colour	Black	
Specific Gravity	1.43	ASTM D297
Hardness	65° ± 5° Shore A	ASTM D2240
Abrasion	170mm ³ (max) @ 10N	ASTM D5963
Tensile Strength	14 MPa (min)	ASTM D412
Elongation @ Break	300% (min)	ASTM D412
Heat Aged Properties		ASTM D573
Hardness Change	0/+15° Shore A (max)	70 hrs @ 100°C
Tensile Change	+/- 15% (max)	
Elongation Change	-40% (max)	
Compression Set 22 hrs / 70°C	25% (max)	ASTM D395 B
Temperature Range	-25°C to +110°C	
Ozone Resistance 100 hrs, 1 ppm, 20% Strain, 40°C	No Cracks	ASTM D1149

AVAILABLE SIZES

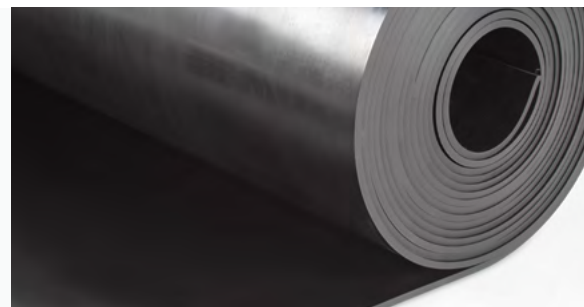
STANDARD THICKNESS

1.5mm, 3mm, 4.5mm, 6mm, 10mm

STANDARD ROLL SIZE

1200mm x 10mtrs

Cut lengths, strips and custom shapes are available upon request



APPLICATIONS

Industrial Gaskets Neoprene HG Rubber Sheet has been designed primarily for use as a flexible strip, pad, lining, gasket or curtain. It is mainly used for Sealing, Insulating, Isolating and Protecting, steel or other surfaces of equipment but can be used for any application which requires a strong, fuel and oil resistant, UV resistant durable rubber. Its properties make it suitable for use in a wide range of applications including:

- > Bearing pads and strips
- > Load matting
- > Chassis rubbers
- > Critical construction seals
- > Expansion joints
- > Dust sealing curtains & skirts
- > Oil resistant skirting rubber
- > Flange gaskets and seals
- > Anti-vibration mounts
- > Transfer and joining sleeves
- > Insulating strip
- > Isolation barriers

