

Neoprene HG Rubber Sheet

Reglin Neoprene HG is a premium grade, weather, heat and flame resistant rubber sheet.

FEATURES

Reglin Neoprene HG Rubber Sheet 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.



TECHNICAL INFORMATION

Polymer	CR	
Polymer Content	80%	
Colour	Black	
Specific Gravity	1.4	ASTM D297
Hardness	80° ± 5° Shore A	ASTM D2240
Tensile Strength	14 MPa (min)	ASTM D624
Elongation @ Break	300% (min)	ASTM D412
Abrasion	170mm ³ (max) @10N	ASTM D5963
Temperature Range	-25°C to +110°C	
Compression Set 22 hrs @ 70°C	25% (max)	ASTM D395 B
Heat Age Properties 70 hrs @ 100°C		ASTM D573
Hardness Change	0/+15° Shore A (max)	
Tensile Change	+/-15% (max)	
Elongation Change	-40% (max)	
Ozone Resistance 100 hrs @ 100pphm, 20% Strain, 40°C	No Cracks	ATM D1149

AVAILABLE SIZES

Reglin stock Neoprene HG Rubber Sheet in a range of standard thicknesses and roll sizes. It can also be supplied in cut lengths, strips, pads and a wide variety of custom cut shapes and gaskets to suit your application requirements.

PART NO.	SIZE	WEIGHT (PER L/M)
NEOBP01.5	1.5mm x 1200mm (10 L/M Rolls)	2.7 kgs
NEOBP03	3mm x 1200mm (10 L/M Rolls)	5.2 kgs
NEOBP04.5	4.5mm x 1200mm (10 L/M Rolls)	7.8 kgs
NEOBP06	6mm x 1200mm (10 L/M Rolls)	10.3 kgs
NEOBP10	10mm x 1200mm (10 L/M Rolls)	17.2 kgs

STANDARDS

Reglin Neoprene HG Rubber sheet conforms with MDG 3608
Certification can be supplied upon request.

