TECHNICAL DATA SHEET

Queensland Gaskets

PREMIUM NEOPRENE | RUBBER SHEET

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

Neoprene 60 HG Rubber is a black, premium grade, abrasion and impact resistant, highly elastic 60 Duro Neoprene rubber sheet. It has excellent mechanical strength and is flexible and resilient with high temperature and flame resistance. It has petroleum based fuel and oil resistance, including petrol, diesel and LPG making it suitable for sealing, bearing or isolating applications and Anti-vibration where these are present.

Neoprene 60 HG is completely UV stabilised making it highly resistant to ozone effects and extreme weather conditions.



TECHNICAL INFORMATION

Polymer	CR	
Colour	Black	
Specific Gravity	1.4 – 1.43	ASTM D297
Hardness	65° ± 5° Shore A	ASTM D2240
Abrasion	170mm³ (max) @ 10N	ASTM D5963
Tensile Strength	8 – 14 MPa	ASTM D412
Elongation @ Break	300% (min)	ASTM D412
Heat Aged Properties Hardness Change Tensile Change Elongation Change	 0/+15° Shore A (max) +/- 15% (max) -40% (max)	ASTM D573 70 hrs @ 100°C
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	0.8mm, 1.5mm, 2.4mm 3mm, 4.5mm, 6mm, 9mm 10mm, 12mm*, 19mm, 25mm
STANDARD ROLL SIZE	1200mm x 10mtrs

Cut lengths, strips and custom shapes are available upon request

APPLICATIONS

Neoprene 60 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

VARIATIONS

Choose from these non-standard material variation options:

- 45 soft duro

Contact us to discuss requirements and place your order 07 3277 3922

All information and data quoted has been provided by our suppliers and is based upon years of experience in the production and operation of sealing elements. This data may not be used to support any warranty claims. With its publication this latest edition supersedes all previous issues and is subject to change without further notice.