

Technical Data Sheet

Neoprene Sponge Rubber Sheet

Features: Shuk Neoprene Sponge Rubber Sheet is a black, premium grade, closed cell Neoprene Sponge Rubber Sheet. It has good mechanical strength and has moderate temperature and petroleum-based fuel and oil resistance, including petrol, diesel and LPG.

Neoprene Sponge Rubber is UV stable and is resistant to ozone effects and weathering. Neoprene Sponge is suitable for long term sealing applications with limited cycles of compression.

Applications: Neoprene Sponge Rubber has been designed primarily for use as a compressible strip, pad or gasket, and is mainly used for long term sealing applications, which incur a limited number of compressions during service. Its properties make it suitable for use in a wide range of applications including:

- Gaskets and seals
- Insulation barriers
- Oil and fuel resistant seals
- Road construction joints
- Variety of long-term sealing applications

Dimensions:

GMNEOSP02	2mm Thick
GMNEOSP03	3mm Thick
GMNEOSP04	4mm Thick
GMNEOSP06	6mm Thick
GMNEOSP10	10mm Thick
GMNEOSP12	12mm Thick
GMNEOSP15	15mm Thick
GMNEOSP20	20mm Thick
GMNEOSP25	25mm Thick
GMNEOSP40	40mm Thick

Technical Information:

Polymer	CR	
Colour	Black	
Density	154 kg/m ³	KSM ISO 7214:2006
Hardness	25 ± 5 ° Shore OO	KSM 6660:2006
Tensile Strength	520 kPa	JIS K6767:1998
Elongation @ Break	150%	JIS K6767:1998
Tear Strength	2.8 kN/m	ASTM D624
Compression Set (24hrs @ 72°C)	25% (max)	KSM ISO 8156:2002
Ozone Resistance Test	No Cracking	ASTM D1056
Temperature Range	-40 °C to +65 °C (Continuous) -40 °C to +93 °C (Intermittent)	
Designations	ASTM D 1056 DESIGNATION: 2B2 SAEJ18 2002 DESIGNATION: 2B2	