

Technical Data Sheet

EDPM Sponge Rubber Sheet

Features: Shuk EDPM Sponge Rubber is black, premium grade, closed cell EDPM Sponge Rubber sheet. It has good mechanical strength and has high temperature and chemical resistance to acids and alkalis. It is completely UV stabilised making it highly resistant to ozone effects and extreme weather conditions.

EDPM Sponge is suitable for long term sealing applications with limited cycles of compression.

It is suitable for prolonged exposure to aquatic environments and will not deteriorate when submerged in fresh seawater making it suitable for marine applications.

Applications: EDPM 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
- Weatherproof seals
- Variety of long-term sealing applications

Dimensions:

GMEPDMSPS03	3mm Thick
GMEPDMSPS06	6mm Thick
GMEPDMSPS08	8mm Thick
GMEPDMSPS10	10mm Thick
GMEPDMSPS13	13mm Thick
GMEPDMSPS15	15mm Thick
GMEPDMSPS20	20mm Thick

Technical Information:

Polymer	EPDM	
Colour	Black	
Specific Gravity	128 kg/m ³	KSM ISO 7214:2006
Hardness	15° - 20° Shore OO	KSM 6660:2006
Tensile Strength	392 kPa	JIS K6767:1998
Elongation at Break	200%	JIS K6767:1998
Tear Strength	2.45 kN/m	ASTM D624
Resilience	30%	ASTM D2632
Compression Reflection (25%)	39 kPa	ASTM 1056
Compression Set (24 hours at 72°C)	10% (max)	KSM ISO 1856:2002
Temperature Range	-30 °C to +100 °C	