



EPDM SPONGE RUBBER SHEET

Heat Resistant | Chemical Resistant | UV Resistant |

FEATURES

Industrial Gaskets EPDM Sponge is a black, premium grade, closed cell EPDM Sponge 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.

EPDM 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 or seawater making it suitable for marine applications.

TECHNICAL INFORMATION

Polymer	EPDM	
Colour	Black	
Density	125 kg/m ³	KSM ISO 7214:2006
Hardness	45° ± 5° Shore 00	KSM 6660:2006
Tensile Strength	400 kPa	JIS K6767:1998
Elongation @ Break	200%	JIS K6767:1998
Tear Strength	2.9 kN/m	ASTM D624
Temperature Range	-30°C to +100°C	
Compression Deflection (25%)	40 ± 10 kPa	ASTM D1056
Compression Set (24hrs @ 72°C)	8% (max)	KSM ISO 1856:2002

AVAILABLE SIZES

STANDARD THICKNESS Any thickness 1.5mm - 50mm

STANDARD SHEET SIZE 1000mm x 2000mm

Cut lengths, strips and custom shapes are available upon request
Sheets can be supplied with adhesive backing upon request.



APPLICATIONS

EPDM Sponge 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

