TECHNICAL DATA SHEET

Queensland Gaskets

PREMIUM EPDM | RUBBER SHEET

70 Duro | Heat Resistant | Chemical Resistant
UV Resistant | EPDM Rubber



EPDM 70 Rubber is a black premium grade 70 Duro EPDM Rubber sheet, which has high temperature resistance and chemical resistance to acids and alkalis. It is completely UV stabilised making it highly resistant to ozone effects and extreme weather conditions and is ideal for long term outdoor applications.

EPDM 70 Rubber has excellent physical properties including, mechanical strength and is resistant to hot water and steam. 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	
Specific Gravity	1.15	ASTM D297
Hardness	70° ± 5° Shore A	ASTM D2240
Abrasion	275 mm^3 (max) @ 10N	ASTM D5963
Tensile Strength	11 MPa (min)	ASTM D412
Elongation @ Break	350% (min)	ASTM D412
Tear Strength	45 N/mm (min)	ASTM D624
Temperature Range	-30°C to +120°C	
Ozone Resistance 96hrs, 100pphm 30% strain, 40°C	No Cracks	ASTM D1149-07

AVAILABLE SIZES

STANDARD THICKNESS	1mm, 1.5mm, 2mm, 3mm, 4.5mm, 6mm, 8mm, 9mm, 12mm, 19mm, 25mm
STANDARD ROLL SIZE	1200mm x 10mtrs (1mm-12mm) 1200mm x 5mtrs (19mm, 25mm)

Cut lengths, strips and custom shapes are available upon request

APPLICATIONS

EPDM 70 Rubber Sheet has been designed primarily for use as a flexible strip, pad, lining or gasket and is mainly used for Sealing, Insulating, Isolating and Protecting steel or other surfaces. Its properties make it suitable for a number of applications including:

- Flange gaskets on pipes and tanks
- Lining of pipes and tanks
- Transfer and joining sleeves
- Weatherproof flashing
- Insulating strip
- Isolation barriers
- Heat resistant skirting rubber
- Heat resistant belt scrapers
- Dust covers exposed to extreme weathering and operating temperatures.
- Variety of underwater applications

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.