



POTABLE WATER EPDM RUBBER SHEET

70 Duro | Potable Water Approved | AS/NZ 4020 Certified | EPDM Rubber

FEATURES

Reglin Potable Water EPDM Rubber is a black premium grade 70 Duro EPDM Rubber sheet, certified for use in contact with drinking water. Independently tested and certified by the Australian Water Quality Centre, it meets AS/NZS 4020 2005 TESTING OF PRODUCTS FOR USE IN CONTACT WITH DRINKING WATER and conforms to requirements of WSA 109 2011 TABLE 2.1.

Potable Water EPDM retains all other properties of EPDM 70 Rubber sheet and 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.

Potable Water EPDM has good physical properties including mechanical strength and is resistant to hot water and steam. It is suitable for prolonged exposure to drinking water and will not deteriorate when submerged, making it suitable for gasket sealing applications.

TECHNICAL INFORMATION

Polymer	EPDM	
Colour	Black	
Specific Gravity	1.14	ASTM D297
Hardness	65° ± 5° Shore A	ASTM D2240
Tensile Strength	11 MPa (min)	ASTM D412
Elongation @ Break	350% (min)	ASTM D412
Compression Set 72 hrs / 23°C	12.5% (max)	ASTM D395
Compression Set 24 hrs / 70°C	18.0% (max)	ASTM D395
Heat Aged Properties		7 days @ 70°C
Hardness Change	+3° Shore A	ASTM D2240
Tensile Change	+8.5% (ave)	ASTM D412
Elongation Change	-14%	ASTM D412
Volume Change (in distilled water)	+3.0%	ASTM D471 7 days @ 70°C
Temperature Range	-30°C to +120°C	

AVAILABLE SIZES

STANDARD THICKNESS

1.5mm, 3mm, 4.5mm, 6mm

STANDARD ROLL SIZE

1200mm x 10mtrs (1.5mm, 3mm, 4.5mm, 6mm)
1500mm x 10mtrs (3mm)

Cut lengths, strips and custom shapes are available upon request



APPLICATIONS

Potable Water EPDM Rubber Sheet has been designed primarily for use as a flexible strip, pad, lining or gasket in applications for handling or storage of drinking water and is mainly used for sealing, insulating, isolating and protecting steel or other surfaces. Its properties make it suitable for use in a wide range of applications including:

- > Flange gaskets on pipes and tanks
- > Lining of pipes and tanks
- > Transfer and joining sleeves
- > Rainwater collection system flashing



Certification
AS/NZ 4020 (2005)

Certification can be supplied upon request



Sheet Conforms to
WSA-109 (2011) requirements