Certification:
AS/NZ 4020 (2005)
Certification can be supplied upon request

Sheet Conforms to
WSA-109 (2011) requirements

Technical Data Sheet

Blue Potable Water EPDM Rubber Sheet

Features:

Shuk Potable Water EPDM is a BLUE 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 stabalised making it highly resistant to ozone effects and extreme weather conditions.

Potable Water EPDM retains all other 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.

Applications:

Shuk Potable Water EPDM Rubber Sheet has been designed primarily to be easily identifiable in use as gaskets or linings and as flexible strips and pads, 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

Dimensions:

GMBLEPDMI13.0	3mm Thick – 1200mm Wide

Technical Information:

Properties	Values	Test Method
Polymer	EPDM Rubber	
Surface	Blue Rubber Sheet smooth finish both sides	
Thickness (mm)	3.00 ± 2 %	
Width (m)	1.2 ± 2 %, 1.5 ± 2 %	
Length (m)	10 ± 5 %	
Specific Gravity – Compound	1.15 ± 0.05	ASTM D297
Hardness – Compound (Shore A)	70 ±	ASTM D2240
Tensile Strength – Compound (MPa)	10	ASTM D412
Elongation at Break % - Compound	400 %	ASTM D412
Heat Aged Properties		7 Days at 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 at 70 ° C
Temperature Range	- 30 ° C to +120 ° C	

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