

Technical Data Sheet

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 stabilised 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
- Lining of pipes and tanks
- Transfer and joining sleeves
- Rainwater collection system flashing

Dimensions:	GMEPDMPW3.2-1200	3.2mm Thick – 1200mm Wide
	GMEPDMPW3.2-1500	3.2mm Thick – 1500mm Wide

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 at Break	350% (min)	ASTM D412
	Compression Set (72 hours/ 23°C)	12.5% (max)	ASTM D395
	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	