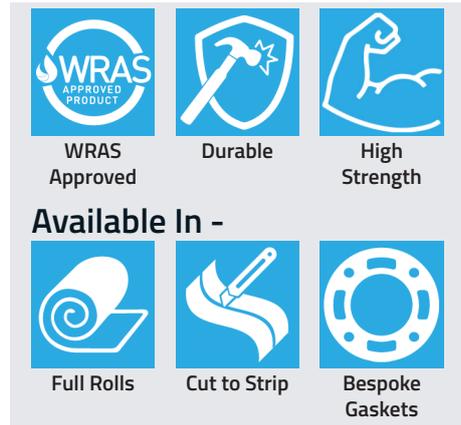


WRAS Approved EPDM 70° Material Datasheet

Product Code: RC0351

Product Description

Our EPDM sheeting is WRAS-approved for use in potable water systems, up to 23°C. This material also complies to BS 6920-1:2000 and/ or 2014, EN 681-1:1996 & ISO 4633 and ASTM D 2000, M3 DA 710 B36 C32 EA14, G21.



Technical Specification

Property	Test Method	Value
Specific Gravity	ASTM D297	1.13 ±0.05
Hardness (Shore A)	ASTM D2240	70° ±5
Tensile Strength	ASTM D412	110kg/cm ²
Elongation at Break	ASTM D412	320%
Compression Set (24 hours at 70°C, 25% set)	ASTM D395 Method B	20%
Tear Resistance (Angular)	ASTM D624	40kg/cm
Change in Property - Heat Aged for 72 hours at 70°C	ASTM D573	
-Hardness	-	+2°
-Tensile Strength	-	±8%
-Elongation at Break	-	±15%
EPDM Polymer Content	-	100%
Carbon Content	-	30%

Continued...



The information contained on this product information sheet is to be used as guidance. The advice is given in good faith and does not constitute any guarantee or recommendation for suitability. RubberSmart cannot be held liable for any damage caused by incorrect installation. We hereby reserve the right to change the technical information herewith without notification or prior agreement.

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Property	Test Method	Value
Chemical Resistance		
-Ozone	ASTM D1149	Excellent
-Dilute Acids and Bases	-	Excellent
-Concentrated Acids and Bases	-	Excellent
-Oils	-	Not recommended
-Solvents	-	Not recommended
Working Temperature Range	-	-40°C to +120°C
Colour	-	Black



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