

FKM B 70° Rubber Sheetting Material Datasheet

Product Code: RC0375

Product Description

Our FKM B rubber sheetting is a high quality, highly versatile material. We manufacture this material using a FKM B rubber compound. It provides excellent resistance against many common acids, oils and solvents. It is also an incredibly stable material and is able to maintain its properties in temperatures up to +300°C.



Available In -



Full Rolls

Cut to strip

Bespoke Gaskets

Technical Specification

Properties	Test Method	Values
Compound	-	100% FKM (Viton)
Hardness (Shore A)	ASTM D2240	70° +/- 5°
Density (Specific Gravity)	ASTM D297	1.95 g/cm ³ +/- 5
Tensile Strength	ASTM D412	50 kg/cm ²
Elongation at Break	ASTM D412	250%
Compression Set (25% 24hrs @ 70°C)	ASTM D395 Method B	40%
Polymer Content	-	100%
Working Temperature Range	-	-30°C to + 300°C
Heat Ageing (72hrs @ 150°C)		
Hardness Change	ASTM D573	+5° (Max)
Tensile Strength Change	ASTM D573	+/- 10%
Elongation at Break Change	ASTM D573	+/- 15%
Volume Swell (24hrs @ 150°C)		
IRM Oil No. 901	ASTM D 471	-6%
IRM Oil No. 902	ASTM D 471	-1%
IRM Oil No. 903	ASTM D 471	+3%
Antistatic Characteristic	ASTM D257	10 ⁶

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. The Rubber Company 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.

Technical Specification

Properties	Test Method	Values
Chemical Resistance		
Ozone	ASTM D1149	Excellent
Dilute Acids and Bases		Excellent
Concentrated Acids and Bases		Excellent
Oils		Very Good
Solvents		Very Good

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