

Genuine Viton® A 75° Rubber Sheeting Datasheet

Product Code: RC0378

Product Description

Our Genuine Chemours® Viton A 75° Rubber Sheeting is a high quality material with a 66% fluorine content. It has outstanding resistance for high exposure applications with chemicals, acids, oils and petroleum products. It is also an incredibly stable material and is able to maintain its properties in temperatures up to +275°C.

Technical Specification



Properties	Test Method	Values
Density (Specific Gravity)	DIN 53508 / ASTM D297	2.0 ± 0.05
Hardness (Shore A)	DIN 53505 / ATM D2240	75° ± 5°
Tensile Strength	DIN 53504 / ASTM D412	50kg/cm ²
Elongation at Break	DIN 53504 / ASTM D412	200%
Compression Set (70°C / 24 hours/25% set) (max)	DIN 53517 / ASTM D395 Method B	55%
Antistatic Characteristic	ASTM D257	10 ⁶
Polymer Content	-	100%
Change in Properties		
Heat Ageing (48 hours at 150°C)	ASTM D573	
- Hardness (pts)		+5° (max)
- Tensile Strength		+15%
- Elongation at Break		± 25%



ISO
9001 : 2015
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Technical Specification Continued

Properties	Test Method	Values
Volume Swell: at 150°C for 24 hours/in	ASTM D471	
- ASTM Oil No.1		-8%
- ASTM Oil No.2		-1%
- ASTM Oil No.3		+6%
Chemical Resistance		
Ozone	ASTM D1149	Excellent
Dilute Acids and Bases	-	Excellent
Concentrated Acids and Bases	-	Excellent
Oils	-	Very Good
Solvents	-	Very Good
Temperature Range	-	-20°C to +275°C
Colour	-	Black

Standard Sizes

Property	Value
Length	5m, 10m
Width	1.2m
Thickness	0.5mm to 50mm



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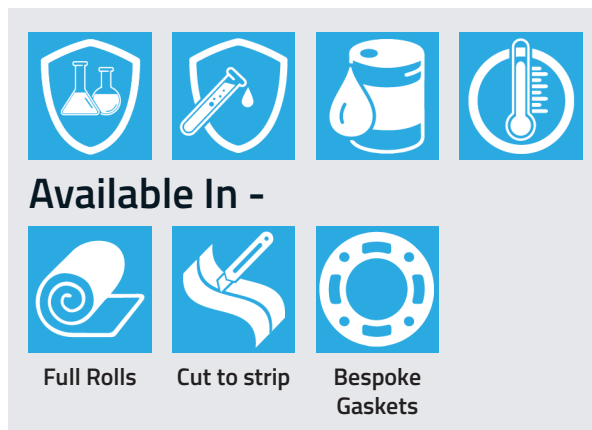
FKM B 70° Rubber Sheetting Material Datasheet

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.

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

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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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