

## Green FKM A Rubber Sheeting Material Datasheet

Product Code: RC0377

### Product Description

We can supply high quality, Green FKM A rubber sheeting for use in a variety of applications. This particular material features excellent high temperature resistance from  $-20^{\circ}\text{C}$  up to  $+275^{\circ}\text{C}$ . We produce this material using FKM A compound for superior resistance. It provides excellent resistance against chemical, acid, oil and petroleum deterioration.

### Technical Specification



#### Available In -



Full Rolls

Cut to strip

Bespoke Gaskets

Properties	Test Method	Values
Compound	-	100% FKM A
Hardness (Shore A)	ASTM D2240	$75^{\circ} \pm 5^{\circ}$
Density (Specific Gravity)	ASTM D297	$2.00 \text{ g/cm}^3 \pm 5$
Tensile Strength	ASTM D412	$50 \text{ kg/cm}^2$
Elongation at Break	ASTM D412	200%
Compression Set (25% 24hrs @ $70^{\circ}\text{C}$ )	ASTM D395 Method B	55%
Polymer Content	-	100%
Working Temperature Range	-	$-20^{\circ}\text{C}$ to $+275^{\circ}\text{C}$
<b>Heat Ageing (48hrs @ <math>150^{\circ}\text{C}</math>)</b>		
Hardness Change	ASTM D573	$+5^{\circ}$ (Max)
Tensile Strength Change	ASTM D573	+15%
Elongation at Break Change	ASTM D573	$\pm 25\%$
<b>Volume Swell (24hrs @ <math>150^{\circ}\text{C}</math>)</b>		
ASTM Oil No.1	ASTM D 471	-8%
ASTM Oil No.2	ASTM D 471	-1%
ASTM Oil No.3	ASTM D 471	+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.