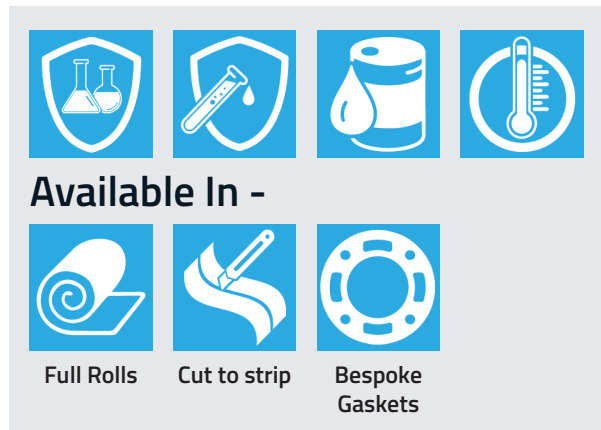


# Green Viton® Rubber Sheeting Material Datasheet

Product Code: RC0377

## Product Description

We can supply high quality, Green Viton® rubber sheeting for use in a variety of applications. This particular material features excellent high temperature resistance from -20°C up to +275°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

Properties	Test Method	Values
Compound	-	100% Viton FKM
Hardness (Shore A)	ASTM D2240	75° +/- 5°
Density (Specific Gravity)	ASTM D297	2.00 g/cm <sup>3</sup> +/- 5
Tensile Strength	ASTM D412	50 kg/cm <sup>2</sup>
Elongation at Break	ASTM D412	200%
Compression Set (25% 24hrs @ 70°C)	ASTM D395 Method B	55%
Polymer Content	-	100%
Working Temperature Range	-	-20°C to + 275°C
<b>Heat Ageing (48hrs @ 150°C)</b>		
Hardness Change	ASTM D573	+5° (Max)
Tensile Strength Change	ASTM D573	+15%
Elongation at Break Change	ASTM D573	+/- 25%
<b>Volume Swell (24hrs @ 150°C)</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.



Manufacturers · Designers · Distributors

Experts in Rubber



# Genuine Viton® Rubber Sheeting Material Datasheet

Product Code: RC0320

Properties	Test Method	Values
<b>Chemical Resistance</b>		
Ozone Resistance	ASTM D 1149	Excellent
Dilute Acids and Bases Resistance	-	Excellent
Concentrated Acids and Bases Resistance	-	Excellent
Oil Resistance	-	Very Good
Solvent Resistant	-	Very Good

## Key Features

- Excellent resistance to oxygen, ozone and natural weathering
- Excellent hydrocarbons, aliphatics, aromatic and chlorinated chemicals resistance
- Good oil and fuel resistance
- High working temperature range
- Good flame resistance
- Impermeable to gases

## Potential Applications

- Aircraft and aerospace industries
- Automotive industries
- Chemical processing and transportation
- Oil & gas exploration and production
- Petroleum refining & transportation
- Demanding sealing applications
- Coal-fire power stations and nuclear stations
- High temperature sealing applications

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