

Our Viton Rubber Sheet is a premium grade elastomer used in the most demanding of applications. This rubber will withstand continuous exposure to temperatures between -15°C and +200°C and has very good physical and mechanical properties.

Sometimes known as FKM, Viton Rubber was originally developed for the aerospace industry to meet their demands for a high-performance elastomer. Since its' introduction, it has been adopted by many other industries because of its excellent chemical resistance and all-round performance as a sealing material.

Viton rubber is particularly good at sealing oils, fuels, lubricants and mineral acids. It also has excellent resistance to aliphatic and aromatic hydrocarbons that can act as solvents with many other types of rubber.

This sheet rubber also features excellent compression set resistance across a wide range of temperatures (-15°C to +200°C), This is critically important as it allows Viton to continue to provide excellent seal performance in environments that can degrade other, non-fluorinated elastomers.

For more detailed information on our Viton Rubber Sheet's chemical resistance, we've put together a handy (and very comprehensive) chemical table [here](#).

Our Viton Rubber is manufactured in the USA using 100% genuine Chemours Viton polymer which ensures it delivers reliable, high quality performance. This grade contains 66% fluorine, is UV stable and highly resistant to degradation from ozone or weathering.

Applications

- Flange Gaskets for pipes, tanks and containers.
- Lining of tanks storing chemicals, oils, diesel, petrol or other types of aggressive media.
- Transfer and joining sleeves.
- Expansion joints.
- Sealing and insulating strips.
- Isolation barriers.
- Chemical proof flashing.

[View This Product](#)

Important

The values listed here and the information presented should not be treated as a substitute for specific technical advice. We cannot warrant the products performance or suitability for particular applications.

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Technical Details

Property	Value
Colour	Black
Polymer	100% Chemours Viton
Hardness (Durometer)	70 (± 5) Shore A
Temperature Range	-17°C to +200°C
Specific Gravity	1.92 g/cm ³
Tensile Strength	7.14 mPa
Elongation	250% Minimum
Compression Set (ASTM D395) (22 Hours @ 175°C)	50% Maximum Discs

Heat Resistance
ASTM D573, 70 Hours @ 250°C

Increase in Hardness	+9 Shore A
Increase in Tensile Strength	+27%
Decrease in Elongation	-39%

Available Sizes, Forms and Styles

Our Viton Rubber is available from Swift Supplies by the lineal metre in the thicknesses listed below. Rolls are 1200mm Wide.

Standard Thicknesses

- 1.6mm
- 2mm
- 2.4mm
- 3.2mm
- 4.8mm
- 6.4mm

Pieces, Cut Strips, Custom Sizes and Special Requests

We're always happy to help with special requirements. If the size you require for your project isn't listed here please do reach out to us. We'll do our very best to help in any way we can.

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