

Item Name: Viton Rubber Sheet (Fluoroelastomer - FKM Sheet)

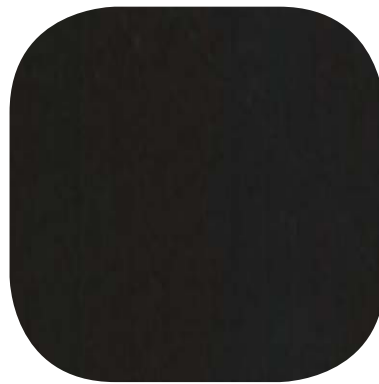
Item Description: Viton Sheets suitable for Various Applications

Viton Rubber Sheet is manufactured from viton rubber based on hexa-fluoro-propylene vinyl-idene fluoride. They have a **gleaming and radiant appearance**. **Allowable variation of thickness is low** and all physical indexes are excellent. These are highly appreciated for most demanding industrial applications especially in **oil and petroleum refineries, steel works and chemical plants**. It is also used in the food industries. With **outstanding performance at high temperature** these sheets can withstand hard environment's test. The **specific gravity of viton is much higher than other rubber polymers**.

The working temperature range is very high from **-40°C to +250°C**. It offers **excellent resistance to aggressive fuels, hydrocarbons, oxidants, chemicals, high heat ageing, high temperature, ozone, vacuum, acid and alkali**. It also exhibits **good abrasion and tear resistance**. However, they are not suitable for use against ethers, ketones and bases.

Applications:

- Gaskets & Packing Material
- Rubber Linings of Tanks & Vessels for Corrosive Chemicals at High Temperature
- Joints, Seals & Cords
- Aero-Space
- Chemical Industry
- High-Tech & Military Applications



Smooth Finish



Fabric Finish

Product Code	Specific Gravity (gm/cm ³)	Hardness (+/- 5° Shore A)	Tensile Strength (min. Kg/cm ²)	Elongation at Break (min. %)	Compression Set at 70°C for 22hrs (%)	Temp. Range (°C)
VI 19575S	1.95	75	50	175	45	-30 to +250
VI 19565S	1.95	65	50	200	45	-30 to +250
VI CD (Custom)	1.90 to 2.00	50 to 75	50 to 80	175 to 250	45	-30 to +250

S - Standard Grade | P - Pure/Special Grade | CD - Custom Design

Standard Sizes	1) 1.2 Mtr. Wide x 10.0 Mtr. Long. 2) 1.0 Mtr. Wide x 2.0 Mtr. Long.
Custom Size	Max. width upto 2400mm, length upto 20M and thickness from 1mm to 100mm available on request.
Standard Colour	Black
Surface Finish	1) SS - Both Side Smooth (Standard) 2) SF - One Side Smooth / Other Side Fabric Finish 3) FF - both Side Fabric Finish
Manufacturing Tolerance	±5% on thickness, ±3% on length, ±2% on width.
Note	Sheets can be supplied with fabric insertion in cotton, nylon, polyester, glass fibre etc.
Minimum Ordering Information Required	<ul style="list-style-type: none"> • Dimension (Length x Width x Thickness) • Application/End Use • Working Temperature in °C • Tensile Strength & Elongation at Break • Hardness • Specific Gravity • Nature of Chemical Used • Colour • Surface Finish • Total Quantity Required

The data on this page represent typical values. Since application variables are a major factor in product performance, this information should serve only as a guideline. We assume no obligation or liability for use of this information. Unless we agree otherwise in writing, we make no warranties, express or implied, and disclaim all implied warranties. We shall not be liable for any special, incidental or consequential damages. We reserve the right to change product design and properties without notice.