



SAM ENGINEERS

Web: <http://www.samseals.com> : <http://www.rubbersealsandgaskets.com> : <http://www.samrubber.com>
Email: sales@samseals.com : samengineers.sagar@gmail.com Cell No: +91 97694 82 432 : +91 98200 82 432

General Characteristics

The "F" family of Viton® was designed for today's oxygenated fuels, modern lubricants, and blended chemicals. As new chemicals and fuels are developed, new technology in Viton® has led to the development of the Viton® F family of sealing products.

Chemical Resistance: Viton® F offers superior fluid resistance and very low permeation in very aggressive environments. Viton® F offers excellent resistance to fluids that Viton® A and B types cannot adequately resist. Viton® F types are highly resistant to oxygenated fuels containing (MeOH, EtOH, MTBE), engine lubricants (SE-SF and SG-SH grades), aromatic hydrocarbon process fluids, chemicals and concentrated mineral acids.

General Properties

Durometer:	ASTM D1414, IRHD: 75 + / - 5
Elongation:	ASTM D412 minimum: 175%
Compression Set:	ASTM D395B plied: 45% maximum Discs 22hr @ 200°C (392°F)
Tensile Strength:	ASTM D412 minimum: 2000psi
Temperature Range:	-18°C to 220°C (450°F)
Fluid Resistance:	ASTM D471 immersed: 20% maximum volume increase in Toluene at 20°C (68°F) for 70 hours.

Products made with Viton® F

- Sheeting for Gaskets
- Molded Parts
- Cloth Inserted Sheeting
- Caulk and Coating
- Extrusions

Regd. Off: A-603, Blue Regency, Off Link Road, Mahavir Nagar, Kandivali (W), Mumbai 400 067, Maharashtra, India.

Unit No.2, Jas Industrial Estate, B. P. Road, Opp. Kapol Bank, Goddev Naka, Bhayandar (E), Thane 401-105, Maharashtra, India.



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Seal & Design offers three types of Viton® F

- **TH-1210-FBC:** Viton® F (with a Bisphenol cure). Offers the best fluid resistance at a very affordable price.
- **TH-7070-FGC:** Viton® F GF Peroxide curable offering resistance to Aqueous Fluids: Water, Steam, and Mineral Acids. (H2204, HN03, HCL, ect.) *Compliant with with DuPont's™ gasket code U2A, S26/G26
- **TH501-GFLC:** Viton® GFLT Peroxide Curable offering exceptional chemical resistance and maintains flexibility in low temperature applications. -40°C (-40°F)

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