



Corporate Headquarters
4015 Casilio Parkway
Clarence, New York 14031
Ph: 716-759-2222 • Fax 716-759-6425



Canadian Division
5511 Steeles Ave West • Unit 5
North York, Ontario M9L 1S7
Ph: 416-741-0750 • Fax: 416-741-0230

Viton® B - 68% Fluorine Chemical Resistance - BETTER

General Characteristics

Acid Resistance: Viton® B has better resistance and retains flexibility better after dry heat aging than Viton® A. It is recommended for applications requiring maximum retention of elastic properties combined with good mechanical properties. Viton® B is specified by the FSA to resist sulfur dioxide in power generating factory systems.

Chemical Resistance: Viton® B offers superior resistance to both diluted and concentrated aggressive acids. Compound TH-6070-B* made of Viton® is resistant to various mineral acids including:

- Sulfuric Acid
- Nitric Acid
- Hydrochloric Acid
- TH-6070-B is one of the few compounds that meet DuPont™ chemical's rigorous engineering specifications for use in DuPont™ plants.
- U2A S24/G24, S23/G23

General Properties

Durometer:	ASTM D1414, IRHD: 75 +/- 5
Elongation:	ASTM D412 minimum: 175%
Compression Set:	ASTM D395B plied: 30% maximum Discs 22hr @ 200°C (392°F)
Tensile Strength:	ASTM D412 minimum: 1400psi
Temperature Range:	-18°C to 220°C (450°F)
Fluid Resistance:	ASTM D471 immersed: 20% maximum volume swell in Toluene at 20 °C (68°F) for 70 hours

Additional Products made with Viton® B

<ul style="list-style-type: none"> • Sheetting • Molded Parts • Diaphragm Sheetting 	<ul style="list-style-type: none"> • Flue Duct Expansion Joints, Extrusions • Caulk, Coating and Adhesive
--	---