



SAM ENGINEERS

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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
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www.sealanddesign.com

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