Made of 100% pure Viton, a high performance synthetic rubber

- Excellent temperature resistance: -25°F (Type B)/-7°F (Type A) to 400°F continuously; 600°F periodically
- Offers one of the widest ranges of fluid and chemical resistance of any commercial rubber
- Excellent resistance to oils, fuels, lubricants, and most mineral acids
- Also resistant to many aliphatic and aromatic hydrocarbons such as carbon tetrachloride, benzene, toluene, and xylene
- Excellent resistance to environmental exposure such as sunlight and ozone
- Available from stock in 60 and 75 Shore A durometers (Type B and Type A)

Notes
VITUBE's main attributes include exceptional chemical resistance at elevated temperatures. It has withstood continuous service temperatures of 600°F for 48 hours and 500°F for 1000 hours while maintaining its mechanical properties. However, care should be taken at these elevated temperatures. Tests should be performed to determine application suitability.

VITUBE possesses the high resiliency of an elastomer as well as the good mechanical properties of conventional synthetic rubbers. The heat and chemical resistance factors, however, usually go far beyond the range of other rubbers.

The 60A durometer compound is specially formulated for use in peristaltic pumps. All VITUBE formulations are produced with 100% Viton fluoroelastomers (chemical name: fluorocarbon FKM) and are matte black in color. VITUBE contains no regrind material nor blends of other elastomers.

Recommended Fittings & Clamps

- Thermobar® barbed fittings
- Oetiker® ear type clamps
- Worm gear clamps

Custom Services

- Cut
- Overbraid
- Size
- Hardness

Call for more information: 800-506-3924

ID/OD Measurement Tolerances

<table>
<thead>
<tr>
<th>ID/OD Measurement</th>
<th>Tolerance</th>
</tr>
</thead>
<tbody>
<tr>
<td>0&quot;</td>
<td>±.010</td>
</tr>
<tr>
<td>.101&quot;</td>
<td>±.013</td>
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<tr>
<td>.161&quot;</td>
<td>±.016</td>
</tr>
<tr>
<td>.251&quot;</td>
<td>±.020</td>
</tr>
<tr>
<td>.401&quot;</td>
<td>±.025</td>
</tr>
<tr>
<td>.631&quot; - 1.000&quot;</td>
<td>±.032</td>
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</tbody>
</table>

**Physical Properties**

<table>
<thead>
<tr>
<th>Type</th>
<th>Type B</th>
<th>Type A</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hardness, Shore A</td>
<td>±5</td>
<td>60</td>
</tr>
<tr>
<td>Tensile Strength, psi, ±10%</td>
<td>1530</td>
<td>1500</td>
</tr>
<tr>
<td>Elongation at Break, %, ±10%</td>
<td>380</td>
<td>200</td>
</tr>
<tr>
<td>Brittle Point, °F</td>
<td>-25</td>
<td>-7</td>
</tr>
<tr>
<td>Max. Operating Temp, °F</td>
<td>400</td>
<td>400</td>
</tr>
</tbody>
</table>

**Values listed are typical for the material used in manufacture, except where noted, and are meant only as a guide to aid in design. Field testing should be performed to find the actual values for your application.**

**Notes**

VITUBE is a registered trademark of NewAge Industries, Inc. All other trademarks and product names are the property of their respective owners.

Specifications are subject to change without notice.

DISTRIBUTOR PARTNER

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