Pure-Fit® SVP Wire-Reinforced Hose

Pure-Fit® SVP platinum-cured silicone hose has a wrapped construction and a 316 stainless steel helical wire reinforcement that offers ultimate flexibility in larger diameter hose products.

Pure-Fit® SVP hose has an operating temperature range of -80°F (-62°C) to 500°F (260°C).

Characteristics
The manufacturing process is carefully controlled from receiving through production and inspection and lot traceability is readily accessible and batch numbers are assigned. All packages are identified by external labeling on both the bag and the high-quality, crush-proof box.

Biocompatibility
Pure-Fit® SVP hose is manufactured from the finest grade of silicone materials and is fully tested to meet USP Class VI criteria.

Features/Benefits
• Excellent bend radius
• Sterilizable
• Autoclavable
• Imparts no taste or odor
• Available in bulk or assemblies
• Pigmented outer cover available
• Available in 12-foot lengths

Typical Applications
• Vacuum pump applications
• Pharmaceutical processing
• Biotechnology
• Bulk transfer
• Load cell

Connections
• Radially crimped 316L SS or non-metallic fittings
• Adaptor connections
**Sterilization Methods**

- Autoclavable
- Radiation - up to 2.5 Mrad (25 Kilogram)
- Gas - Ethylene Oxide

<table>
<thead>
<tr>
<th>Part Number</th>
<th>ID Inches (mm)</th>
<th>OD Inches (mm)</th>
<th>Wall Inches</th>
<th>Working Pressure PSI at 68°F</th>
<th>Burst Pressure PSI at 68°F</th>
<th>Minimum Bend Radius Inches</th>
<th>Weight Per Foot Lb.</th>
<th>Vacuum Rating IN. HG</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hossvp-08</td>
<td>.500 (12.7)</td>
<td>.940 (23.9)</td>
<td>.220</td>
<td>250</td>
<td>500</td>
<td>3.00</td>
<td>.26</td>
<td>29.9</td>
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<tr>
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<td>.750 (19.1)</td>
<td>1.190 (30.2)</td>
<td>.220</td>
<td>200</td>
<td>500</td>
<td>4.00</td>
<td>.32</td>
<td>29.9</td>
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<td>1.440 (36.6)</td>
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<td>150</td>
<td>500</td>
<td>5.00</td>
<td>.45</td>
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<td>1.940 (49.3)</td>
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<td>.66</td>
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<td>.81</td>
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<td>18.00</td>
<td>.99</td>
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<td>C/F</td>
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<td>C/F</td>
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</tr>
</tbody>
</table>

**NOTE:** For every 100 x°F increase in working temperature, stated burst pressures of SVP Series hose decrease by 5%.

**NOTE:** C/F — Consult factory.

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**PURE-FIT® HOSE IS NOT INTENDED FOR USE AS AN IMPLANT MATERIAL**

Pure-Fit® is a registered trademark.

**BIOPHARMACEUTICAL PRODUCTS**

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