Bio-Sil® 1565 Tubing
for Medical Device Manufacturers

Bio-Sil® 1565 is the next generation in pump tubing, designed for pumps that require a durable material that can resist mild back pressure. As a slightly higher durometer product than traditional pump tubing, it offers strong physical properties without compromising pump performance. This silicone tubing is translucent which allows for fluid line-of-sight in most sizes.

Bio-Sil® 1565
Typical Physical Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>ASTM Method</th>
<th>Value or Rating (metric)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Durometer Hardness, Shore A, 15 sec.</td>
<td>D2240</td>
<td>68</td>
</tr>
<tr>
<td>Color</td>
<td></td>
<td>Clear</td>
</tr>
<tr>
<td>Tensile Strength, psi (MPa)</td>
<td>D412</td>
<td>1,319 (9.0)</td>
</tr>
<tr>
<td>Ultimate Elongation, %</td>
<td>D412</td>
<td>388</td>
</tr>
<tr>
<td>Tear Resistance, lb-f/inch (kN/m)</td>
<td>D1004</td>
<td>145 (25.4)</td>
</tr>
<tr>
<td>Modulus 100%, psi</td>
<td>D412</td>
<td>490</td>
</tr>
</tbody>
</table>

Unless otherwise noted, all tests were conducted at room temperature (73°F). Values shown were determined on 0.075” thick extruded strip or 0.075” thick molded ASTM plaques or molded ASTM durometer buttons.

Features/Benefits
- Great pump performance
- Kink resistance
- Sterilizable

Typical Applications
- Peristaltic pumping
- General fluid transfer
- High and low temp fluid transfer

Sterilization Methods
- Autoclavable
- Gas
- Gamma
- E-Beam

Important: “This Saint-Gobain product is a medical component intended for processing or use in the manufacture or assembly of medical devices before the finished medical device is packaged/labeled: it is intended to be included as part of the finished, packaged, and labeled device [21CFR820.3(c)]. Please refer to our Medical Products Disclaimer at www.medical.saint-gobain.com/resources/regulatory-and-quality/medical-product-disclaimer. Caution: For manufacturing, processing or repacking”