



Saint-Gobain
Life Sciences –
Medical Components

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

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

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.

Bio-Sil® is a registered trademark.

Saint-Gobain Performance Plastics
700 Warner Blvd.
Taunton, MA 02780
Tel: 800-722-7106
Tel: (508) 823-7701

www.medical.saint-gobain.com

Contact Us

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"

