



Versilon™ SPT-50 TF

Platinum-Cured Silicone Tubing

Versilon™ SPT-50 TF is a platinum-cured silicone tubing imparts no taste or odors and was developed for food and beverage dispensing applications.

Versilon™ SPT-50 TF tubing has an unsurpassed level of inner surface smoothness which inhibits protein binding and bacterial growth. Additionally, the smooth inner diameter of Versilon™ SPT-50 TF silicone tubing improves the fluid flow characteristics by reducing the peaks and valleys on the inner surface topography.

Features and Benefits

- No extractables
- Imparts no taste or odors
- Excellent flexibility and bend radius
- Tear resistant
- Superior inner surface smoothness
- Excellent peristaltic pump life
- Manufactured in a clean room environment

Regulatory Compliance

- FDA 21 CFR 177.2600
- NSF-51

Typical Physical Properties

Property	Method*	Value or Rating
Durometer Hardness (Shore A), 15 sec	SOP 114	52-68
Opacity	—	Translucent
Tensile Strength, psi	SOP 93	1000 MIN
Ultimate Elongation, %	SOP 93	350 MIN
Tear, Die B, ppi	SOP 93	100 MIN
Specific Gravity	SOP 144	1.12-1.18

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.

* Referenced SOP's are based on ASTM Test Methods.

The values listed for working and burst pressures are derived from tests conducted under controlled laboratory conditions. Many factors will reduce the tubing's ability to withstand pressure, including temperature, chemical attack, stress, pulsation and the attachment to fittings. It is imperative that the user conduct tests simulating the conditions of the application prior to specifying the tubing for use.

VERSILON™ SPT-50 TF TUBING IS NOT INTENDED FOR USE AS AN IMPLANT MATERIAL.



Saint-Gobain Performance Plastics
 3910 Terry-Diane Street
 Beaverton, MI 48612
 1-888-387-0067
 Tel: (989) 435-9533
 Fax: (989) 435-2355

www.processsystems.saint-gobain.com

NOTE: The data and details given in this document are correct and up to date. This document is intended to provide information about the product and possible applications. This document is not the product specification and does not provide specific features, nor does it guarantee product performance in specific applications. Saint-Gobain cannot anticipate or control the conditions of the field and for this reason strongly recommends that practical tests are conducted to ensure that the product meets the requirements of a specific application.

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