

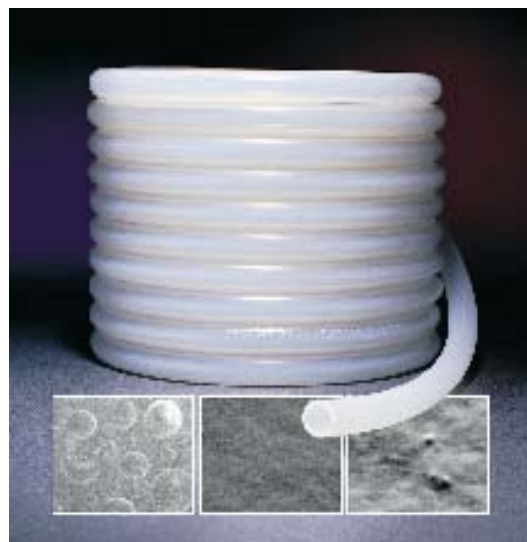
### Silicone and C-Flex® Soft Tubing

Use one of these soft, flexible tubings in applications where flexibility and purity are important. Ideal for general-purpose fluid transfer over a wide temperature range. Select from a range of translucent silicone materials with or without FDA compliance or USP Class VI certification.

C-flex is flexible, opaque and offers greater chemical resistance to acids and bases than silicones.

For the greatest purity consider the Platinum-Cured Silicone (TBG004-series) and the Sta-Pure™ (TBG011-series).

*Wide temperature ranges  
Extremely flexible for tight radiuses  
Odorless, tasteless, inert  
Good electrical and weatherability properties*



The TBG004 Sanitary Silicone (center) provides a smoother inner bore than most competitors.

#### Low Cost Silicone - TBG022

This popular, translucent general-purpose tubing remains flexible (Shore A; 55) over wide temperature extremes. Ideal for a use in non-corrosive fluid transfer applications. Peroxide cured polymer contains no sulphur or other acid-producing chemicals, thereby eliminating the possibility of staining, corroding or deteriorating the material it contacts. Silicone tubing can be low pressure steam sterilized or autoclaved at up to 250°F in a normal autoclaving cycle.

Temperature range: -73 to 260°C (-100 to 500°F)

ID" x OD" x Wall"	10 ft/pk	50 ft/pk	PSI(max)
1/16 x 3/16 x 1/16	TBG022.003	TBG022.103	20
3/32 x 7/32 x 1/16	TBG022.005	TBG022.105	15
1/8 x 1/4 x 1/16	TBG022.007	TBG022.107	20
3/16 x 5/16 x 1/16	TBG022.012	TBG022.112	20
1/4 x 3/8 x 1/16	TBG022.017	TBG022.117	5
5/16 x 7/16 x 1/16	TBG022.022	TBG022.122	10
3/8 x 1/2 x 1/16	TBG022.027	TBG022.127	10



#### Tygon® Sanitary Silicone (3350) - TBG004

Designed for high-purity applications, Tygon® Sanitary Silicone Tubing's ultra-smooth inner bore can reduce the risk of particle entrapment and microscopic buildup during sensitive fluid transfer. In-house analysis of the inner surface of Tygon® Sanitary Silicone Tubing compared to other silicone tubing shows that it is up to three times smoother. Platinum-cured. Translucent. Sterilize with ethylene oxide, gamma radiation or autoclave for 30 min, 15psi.

Temperature range: -80 to 200°C (-112 to 392°F)

ID" x OD" x Wall"	10 ft/pk	50 ft/pk	PSI(max)
1/16 x 3/16 x 1/16	TBG004.003	TBG004.103	15
3/32 x 7/32 x 1/16	TBG004.005	TBG004.105	11.7
1/8 x 1/4 x 1/16	TBG004.007	TBG004.107	9.3
3/16 x 5/16 x 1/16	TBG004.012	TBG004.112	6.75
1/4 x 3/8 x 1/16	TBG004.017	TBG004.117	5.4
5/16 x 7/16 x 1/16	TBG004.022	TBG004.122	4.5
3/8 x 1/2 x 1/16	TBG004.027	TBG004.127	3.9
7/16 x 9/16 x 1/16	TBG004.032	TBG004.132	3.45
1/2 x 5/8 x 1/16	TBG004.036	TBG004.136	3



# Silicone/C-Flex® - Tubing

## Versilic™ Silicone (SPX-50) - TBG005

Peroxide-cured Versilic™ Silicone Tubing Formulation

SPX-50 is designed for use in applications where flexibility, resiliency and durability are required. Produced from a proprietary combination of silicone elastomers, Versilic Silicone Tubing optimizes critical physical properties such as tensile strength, elongation and compression set, resulting in a more physically durable product. Its smooth inner surface reduces the risk of particulate entrapment and microscopic buildup during fluid transfer. Meets UPS Class VI and FDA Criteria. Translucent. Sterilize with autoclave or gamma radiation. Temperature range: -60 to 176°C (-75 to 350°F).

ID" x OD" x Wall"	10 ft/pk	50 ft/pk	PSI(max)
1/32 x 3/32 x 1/32	TBG005.001	TBG005.101	31
1/16 x 3/16 x 1/16	TBG005.003	TBG005.103	21
1/8 x 1/4 x 1/16	TBG005.007	TBG005.107	21
3/16 x 5/16 x 1/16	TBG005.012	TBG005.112	13
1/4 x 3/8 x 1/16	TBG005.017	TBG005.117	12
5/16 x 7/16 x 1/16	TBG005.022	TBG005.122	10
3/8 x 1/2 x 1/16	TBG005.027	TBG005.127	10
1/2 x 5/8 x 1/16	TBG005.036	TBG005.136	8



## C-Flex® - TBG021

C-flex® offers exceptional flexibility (Shore A: 60) like silicone, but with greater chemical compatibility at a lower price. Low gas permeability, smooth inner bore and excellent physical properties make this a good choice for many fluid handling applications. Meets USP Class VI and USDA requirements. Sterilize with ethylene oxide, gamma radiation or autoclave. Opaque. Temperature range: -73 to 135°C (-100 to 275°F).

ID" x OD" x Wall"	10 ft/pk	50 ft/pk	PSI(max)
1/16 x 3/16 x 1/16	TBG021.003	TBG021.103	20
1/8 x 1/4 x 1/16	TBG021.007	TBG021.107	20
3/16 x 5/16 x 1/16	TBG021.012	TBG021.112	20
1/4 x 3/8 x 1/16	TBG021.017	TBG021.117	5
5/16 x 7/16 x 1/16	TBG021.022	TBG021.122	10
3/8 x 1/2 x 1/16	TBG021.027	TBG021.127	10



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IMPORTANT: It is the user's responsibility to ensure the suitability and safety of the tubing for all intended uses.

Tygon, Versilic, C-flex—Reg TM Saint-Gobain Performance Plastics Corp.

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