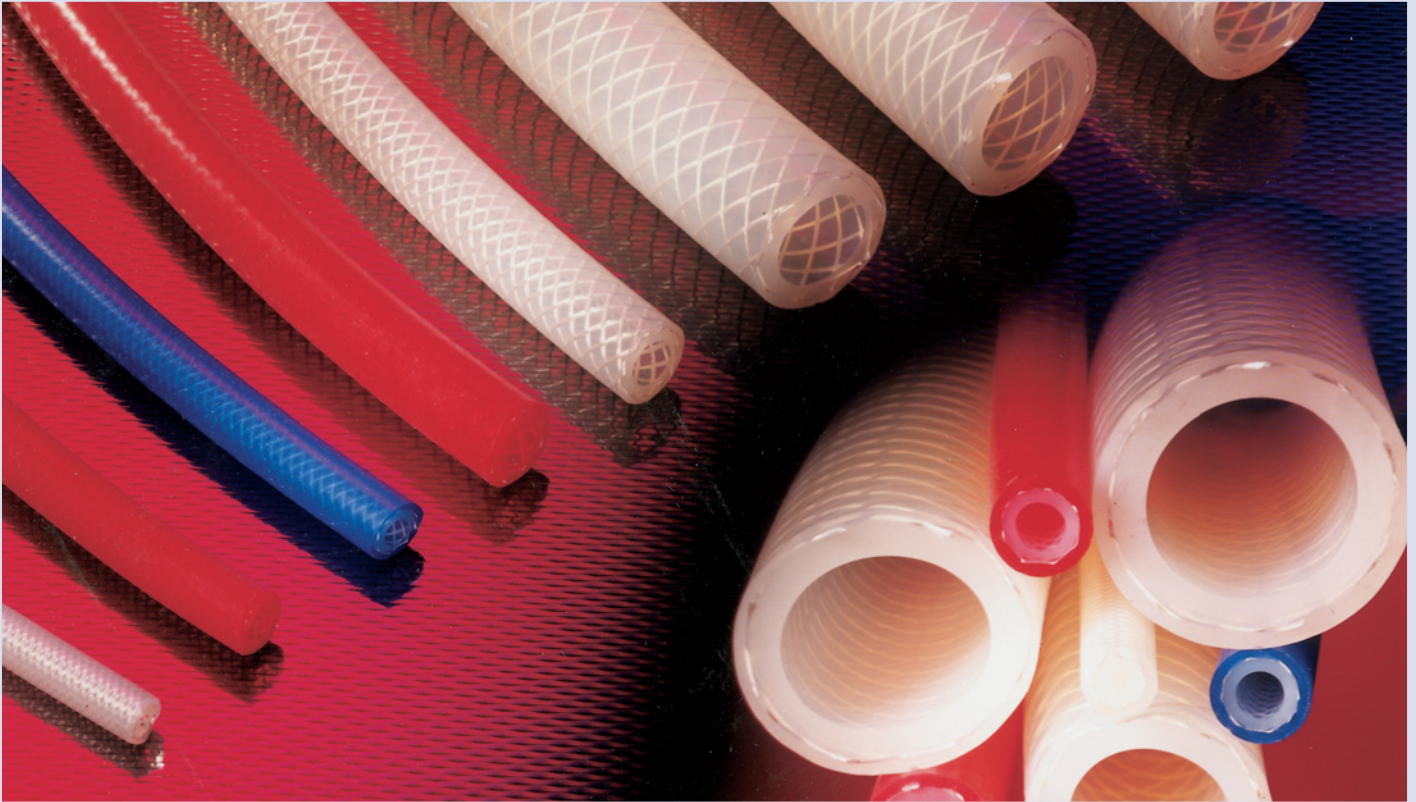


Translucent Extruded Reinforced Tubing



A 200% factor of safety is applied to recommended reinforced tubing working pressures. Higher working pressure and variation in specification to minimum order. Pressure rating diminishes with increasing temperature, consult **SAMCO®** for your specific application.

- **SILGIENE®** extruded reinforced tubing manufactured using FDA 177.2600, EP VI.1.2.3 and WRC approved elastomer
- Embedded glass braiding leaving a smooth inner and outer surface to resist material adhesion assuring vital cleanliness in crucial process areas
- Repeatedly autoclavable
- Translucent for visual flow
- Lightweight construction and ultra flexible allowing excellent bend radius without flow impedance
- Optional high temperature silicone and glass reinforcement for continuous working temperatures up to 260°C

Technical grade reinforced tubing

FDA and WRC approved elastomers. Variations in silicone compound, colour and braid reinforcement to order. Alternatively, overbraided nylon, polyester and glass thread for pressure applications when external cleanliness is not required.

Ex-stock size range (25mm coils)

Part no.	ID (mm)	Wall (mm)	Working press. (psi @ 20°C)	Burst press.
SIL002C	3.0	3.0	444	888
SIL004C	4.0	3.0	440	880
SIL010C	5.0	3.0	296	592
SIL030C	6.0	3.0	259	518
SIL040C	8.0	3.5	185	370
SIL045C	10.0	3.5	185	370
SIL050C	12.5	3.5	185	370
SIL070C	16.0	5.0	163	326
SIL080C	19.0	5.5	148	296
SIL085C	22.0	6.0	133	266
SIL090C	25.0	6.0	111	222

Variations in bore, wall thickness and colour to minimum order

Material Specification	Unit	Value
Tensile strength	Mpa	8.5
Tear strength	Kn/m ²	17.0
SG	g/cm ²	1.16
Elongation at break	%	350
Hardness	°shore'A'	60/70°
Max op temp. (continuous)		200°C
(Intermittent)		250°C

2

Data Sheet 2
Material description
and characteristics