

## Sani-Tech® TA Tubing Assemblies

Sani-Tech® TA Tubing Assemblies offer a comprehensive array of sizes and lengths to suit a variety of connectivity needs. Utilizing Saint-Gobain's Smooth Inner Bore (SIB®) technology, Sani-Tech TA eliminates entrapment areas and the need for tube clamps or tie wraps while providing leak-free connection points.

### Characteristics

End users can specify from a standard product offering of Sani-Tech® TA Tubing Assemblies, ranging from 1/8" to 1" ID. Sani-Tech TA Tubing Assemblies are available in either Sani-Tech STHT®-C non-reinforced silicone tubing or Sani-Tech STHT®-R braid-reinforced silicone hose for elevated pressure applications.

### Biocompatibility

Sani-Tech® TA Tubing Assemblies are manufactured from the finest grade of platinum-cured silicone materials and are validated and tested to a variety of specifications including USP Class VI criteria, ISO 10993 and European Pharmacopoeia 3.1.9. For additional compliance data, please review characterization information on the back page.

### Sterilization Methods

- Autoclavable
- Radiation — up to 5.0 Mrad (50 Kilogray)
- Gas — ethylene oxide

NOTE: Sani-Tech® silicone tubing will not deteriorate with repeated autoclaving. This method of sterilization is strongly recommended. Sani-Tech silicones should not be considered for consistent steam applications.

### Features / Benefits

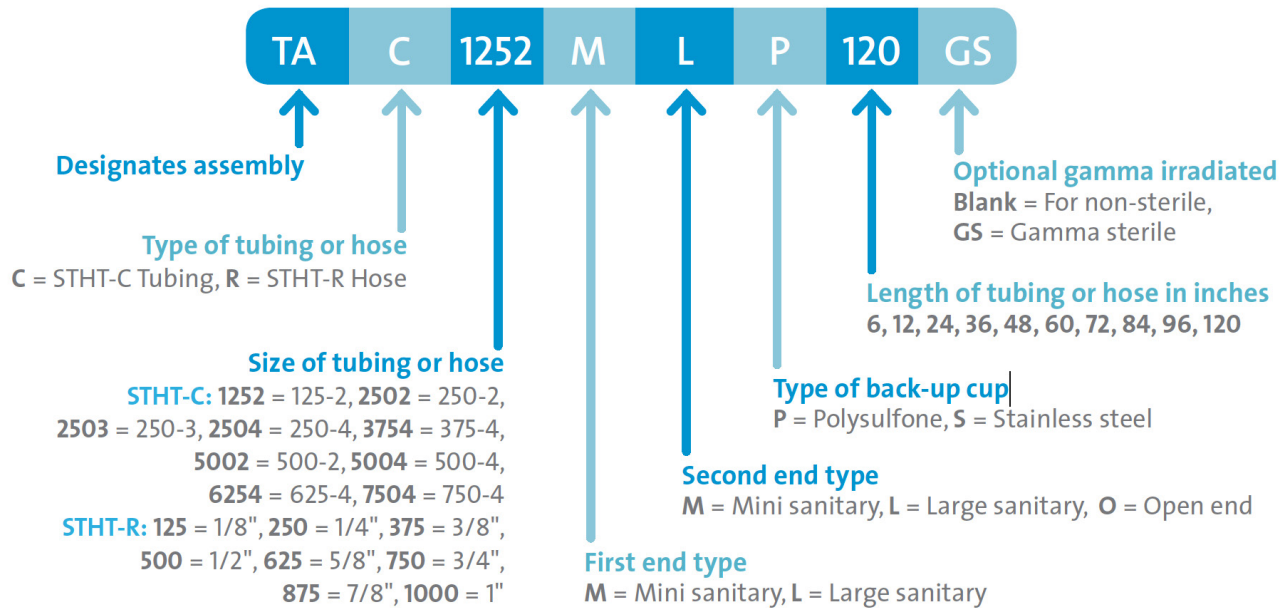
- Ultra-pure, silicone materials
- Unsurpassed surface smoothness
- Eliminates entrapment, leak points and pulsation, assembly time and fitting connections
- Ready-to-install system in sizes from 1/8" to 1" in standard lengths from 6" to 120"
- 3/4" mini or 1 1/2" large sanitary ends
- Polysulfone or stainless steel back-up cups
- Choose from either STHT-C non-reinforced silicone tubing or STHT-R braid-reinforced silicone hose for elevated pressures
- Manufactured in a clean room
- Integrated gasket design improves ease-of-use and eliminates extra components

### Typical Applications

- Closed single-use systems
- Sterile filling
- Peristaltic pumps
- Filtration and fermentation
- Sampling
- Drug delivery and discovery



Catalog Part Number Example



Characterization

The biocompatibility of Sani-Tech® platinum-cured silicone tubing manufactured with Sani-Tech silicone has been tested and validated for the following:

- USP Class VI (88) biological reactivity, *in vivo*
  - Intracutaneous test
  - Systemic injection test
  - Implantation test
- USP 87 biological reactivity, *in vitro*
  - L929 MEM elution
  - AGAR diffusion
- Infrared analysis
- Heavy metals
- ISO 10993
- USP 381 elastomeric closure for injection
- USP 661 containers
- USP 151 pyrogen test
- European Pharmacopoeia 3.1.9
- USP limits for total organic carbons

Customization available; contact your District Sales Manager or Customer Service.

**SANI-TECH® PRODUCTS ARE NOT INTENDED FOR USE AS AN IMPLANT MATERIAL**

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**For registered access to Saint-Gobain Product Validation Summaries,  
CLICK HERE**

**IMPORTANT:** It is the user's responsibility to ensure the suitability and safety of Saint-Gobain Life Sciences products for all intended uses and that the materials to be used comply with all applicable medical regulatory requirements. Saint-Gobain Life Sciences assumes no responsibility for any product failures that occur due to misuse of the materials it provides arising out of the design, fabrication or application of the products into which the materials are incorporated.

**WARRANTY:** For a period of 12 months from the date of first sale, Saint-Gobain Life Sciences warrants this product to be free of defects in materials and workmanship. Our only obligation will be to replace any portion proving defective, or at our option, to refund the purchase price thereof.

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