

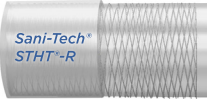
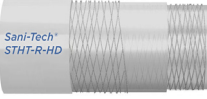
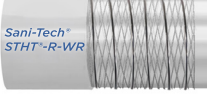


# Sani-Tech® Crimped Hose Assemblies

Sani-Tech® Crimped Hose Assemblies are customizable, ready-to-install assemblies combining Saint-Gobain's biopharma silicone hose products with an array of fitting options to offer quickly accessible solutions to meet a wide variety of fluid transfer needs. End users can easily self-configure a crimped hose assembly using the part number configuration options below to drastically shorten development and production lead times. This allows for faster implementation of solutions than traditional assembly development processes allow.

## Hose Options

Select from one of the Sani-Tech® hose products to create your crimped hose assembly. Each of the Sani-Tech® hose products are ultra-flexible, platinum-cured silicone solutions designed for high-purity and high-pressure applications.

| Hose  | Description               | ID Sizes   | Burst Pressure | Vacuum Resistance |
|---|---------------------------|------------|----------------|-------------------|
|  | Braided-reinforced        | 1/8" to 1" | High           | No                |
|  | Double-braid-reinforced   | 1/2" to 2" | Very high      | No                |
|  | Braid-and-wire-reinforced | 1/2" to 2" | Very high      | Yes               |

## Features / Benefits











- Quick and easy design process
- High pressure ratings (and vacuum for WR)
- Biopharmaceutical-grade silicone hose
- Autoclavable and gamma/x-ray sterilizable

## Typical Applications

- High pressure
- Vacuum conditions
- Bulk transfer
- Single-use assemblies
- Filtration
- Pressurized fluid transfer

## Fitting Options

Select from a variety of stainless steel fittings to be placed at each end of the hose assembly. The fittings are made from 316L stainless steel and the ferrules from 304L stainless steel, offering unique connection options for easy connections to other systems or equipment.

| Style  | Description   | Style   | Description   |
|--|---|---|---|
|  Style 03  | Male NPT, hex style, with same size hose barb                     |  Style 08D | Step down male union JIC with male NPT pipe adapter |
|  Style 06  | Female NPT, hex style, with same size hose barb Unions/Female JIC |  Style 10  | Sanitary clamp                                      |
|  Style 07  | Female union JIC with female pipe adapter                         |  Style 10U | Sanitary clamp, 1 step up "jump style"              |
|  Style 08  | Male union JIC with male pipe adapter                             |  Style 10D | Sanitary clamp, 1 step down "jump style"            |
|  Style 08U | Step-up male union JIC with male NPT pipe adapter                 |  Style 11  | Sanitary "mini" clamp                               |

## Accessory Options

### Electropolished and/or Etched Fittings

Electropolishing of the various fitting options is available, if desired. Electropolishing provides an extremely smooth surface finish, produces a shiny, mirror-like visual aesthetic, and can boost corrosion resistance from chemicals or environmental degradation.

Furthermore, the fittings can also be laser-etched to enhance visual identification when the hose assembly is placed into service.



### SANIsEal™

SANIsEal™ is a hose identification solution designed to simplify labeling. It enables users to record key information such as date of manufacture, lot number, process location and contact details directly onto the hose. The label is placed underneath a strip of silicone material which is then cured and bonded in place on top of the hose. This permanently seals the label, protecting it and ensuring durability in demanding environments. Labels can be paired with color-coded bands for quick and clear visual identification. There are 10 different color options available (see part number configuration table below)

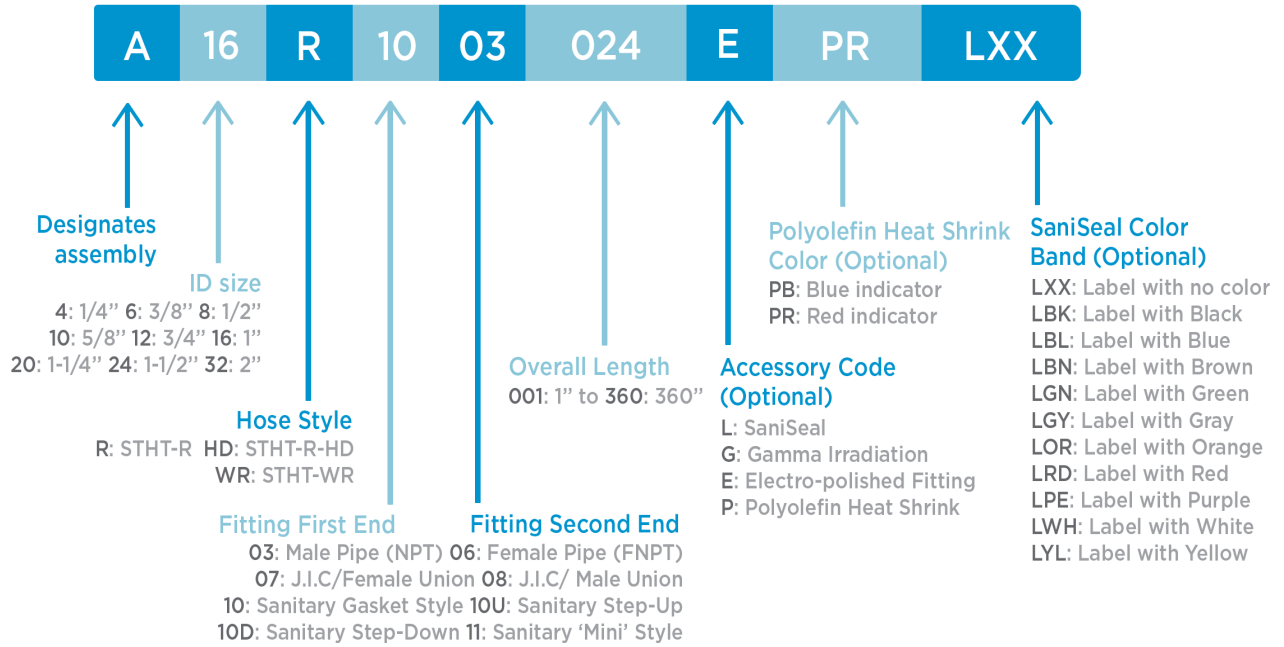


### Polyolefin Heat Shrink Sleeve

If a SANIsEal™ label is not needed and a simpler visual identification aid option is desired, indicator sleeves are a customization option. Available in either red or blue, this sleeve is a polyolefin heat shrink wrapping that can be secured onto the outer surface of the hose.



Part Number Configuration Options



**Sterilization Methods**

While the Sani-Tech® hose products can be sterilized via several common techniques, we recommend autoclaving to achieve the best results.

**Biocompatible and Regulatory Compliant\***

ADCF/BSE/TSE statements

USP <88> Class VI, and/or USP <87>, and/or ISO 10993-5

EP 3.1.9

\*Refers to fluid contact material only

Uncontrolled Document - for the controlled version of this document please visit [www.biopharm.saint-gobain.com](http://www.biopharm.saint-gobain.com)

Contact us today for:

Consultations • Samples • Quotes • Orders



Saint-Gobain Life Sciences

[www.biopharm.saint-gobain.com](http://www.biopharm.saint-gobain.com)

**IMPORTANT:** It is the user's responsibility to ensure the suitability, safety and compliance of Saint-Gobain Life Sciences ("SGLS") products/materials for all intended uses and applicable medical regulatory requirements. SGLS assumes no responsibility for product failures due to misuse 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, SGLS 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. SGLS DISCLAIMS ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.