



# Sani-Tech® STHT®-W

## High Performance Silicone Vacuum Hose

### Designed for the Biopharmaceutical Industry

Specifically designed for bioprocessing, Sani-Tech® STHT®-W high performance silicone vacuum hose is constructed of platinum-cured Sani-Tech® STHT®-65 silicone which imparts flexibility and easy handling. The hose is reinforced with multiple layers of polyester textile to withstand high pressure applications and contains a 316L stainless steel helical wire to resist collapse under vacuum.

### Customizable Construction

Sani-Tech® STHT®-W hose may be customized in length up to 12 feet and may have a variety of 316L stainless steel, radially crimped fittings installed. Fittings may be laser branded for added traceability, and the hose may be custom-colored to identify processing lines. In addition, Sani-Tech® STHT®-W is compatible with the SANIseal™ hose identification system which allows labels to be permanently applied in the field or during assembly.

### Fully Characterized and Biocompatible

Sani-Tech® STHT®-W hose comes complete with biocompatible, physiochemical and extractable testing which can be found in the Validation Guide Summary on the Saint-Gobain Bioprocess Solutions website.

### Features / Benefits

- Excellent bend radius
- Unsurpassed surface smoothness
- Autoclavable and sterilizable
- Temperature range from -80°F (-62°C) to 500°F (260°C)
- Compatible with SANIseal™ hose identification system for traceability and color coding.

### Single-use Applications

- Biopharmaceutical and pharmaceutical manufacturing
- Vacuum pump applications
- Bulk transfer
- Load cell

### Connections

- Sanitary, radially crimped 316L SS or non-metallic fittings

## Sani-Tech® STHT®-W Hose Inventory Sizes

Part Number	ID Inches (mm)	OD Inches (mm)	Wall Inches (mm)	Working Pressure PSI (bar)at 68°F (20°C)	Bend Radius Inches (mm)	Typical Weight lb/ft (kg/m)	Vacuum Rating IN. HG (mmHg)
STHT-W-05000	0.50 (12.7)	0.88 (22.4)	0.19 (4.8)	150 (10.3)	3 (80)	0.3 (0.5)	29.9 (760)
STHT-W-0750	0.75 (19.1)	1.13 (28.7)	0.19 (4.8)	125 (8.6)	4 (100)	0.4 (0.6)	29.9 (760)
STHT-W-1000	1.00 (25.4)	1.38 (35.1)	0.19 (4.8)	125 (8.6)	6 (150)	0.4 (0.6)	29.9 (760)
STHT-W-1500	1.50 (38.1)	1.88 (47.8)	0.19 (4.8)	125 (8.6)	8 (205)	0.7 (1.1)	29.9 (760)
STHT-W-2000	2.00 (50.8)	2.38 (60.5)	0.19 (4.8)	100 (6.9)	8 (205)	1.1 (1.6)	29.9 (760)
STHT-W-2500	2.50 (63.5)	2.88 (73.2)	0.19 (4.8)	85 (5.9)	9 (230)	1.1 (1.6)	29.9 (760)
STHT-W-3000	3.00 (76.2)	3.38 (85.9)	0.19 (4.8)	75 (5.2)	10 (254)	1.4 (2.1)	29.9 (760)

### Sterilization Methods

- Autoclavable — - 121°C for 30 min
- Radiation — 25 kGy
- Gas — ethylene oxide

*Sani-Tech® and STHT® are registered trademarks.*



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**IMPORTANT:** It is the user's responsibility to ensure the suitability and safety of Saint-Gobain Performance Plastics products for all intended uses and that the materials to be used comply with all applicable medical regulatory requirements. Saint-Gobain Performance Plastics 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 Performance Plastics 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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