

# Pure Fit™ SVP Wire-Reinforced Hose



## Pure-Fit® SVP Wire-Reinforced Hose

Pure-Fit® SVP platinum-cured silicone hose has a wrapped construction and a 316 stainless steel helical wire reinforcement that offers ultimate flexibility in larger diameter hose products.

Pure-Fit® SVP hose has an operating temperature range of -80°F (-62°C) to 500°F (260°C).

## Characteristics

The manufacturing process is carefully controlled from receiving through production and inspection and lot traceability is readily accessible and batch numbers are assigned. All packages are identified by external labeling on both the bag and the high-quality, crush-proof box.

## Biocompatibility

Pure-Fit® SVP hose is manufactured from the finest grade of silicone materials and is fully tested to meet USP Class VI criteria.

## BIOPHARMACEUTICAL PRODUCTS

### *Platinum-Cured Wire-Reinforced Silicone Hose*

#### Features/Benefits

- Excellent Bend Radius
- Sterilizable
- Autoclavable
- Imparts No Taste or Odor
- Available in Bulk or Assemblies
- Pigmented Outer Cover Available
- Available in 12-foot Lengths

#### Typical Applications

- Vacuum Pump Applications
- Pharmaceutical Processing
- Biotechnology
- Bulk Transfer
- Load Cell

#### Connections

- Radially Crimped 316L SS or Non-Metallic Fittings
- Adaptor Connections

## Pure-Fit® SVP Hose Inventory Sizes

Part Number	ID Inches (mm)	OD Inches (mm)	Wall Inches	Working Pressure PSI at 68°F	Burst Pressure PSI at 68°F	Minimum Bend Radius Inches	Weight Per Foot Lb.	Vacuum Rating IN. HG
HOSSVP-08	.500 (12.7)	.940 (23.9)	.220	250	500	3.00	.26	29.9
HOSSVP-12	.750 (19.1)	1.190 (30.2)	.220	200	500	4.00	.32	29.9
HOSSVP-16	1.000 (25.4)	1.440 (36.6)	.220	150	500	5.00	.45	29.9
HOSSVP-24	1.500 (38.1)	1.940 (49.3)	.220	150	500	9.00	.66	29.9
HOSSVP-32	2.000 (50.8)	2.440 (62.0)	.220	125	500	12.00	.81	29.9
HOSSVP-40	2.500 (63.5)	2.940 (74.7)	.220	100	350	18.00	.99	29.9
HOSSVP-48	3.000 (76.2)	3.440 (87.4)	.220	90	350	18.00	1.29	29.9
HOSSVP-64	4.000 (101.6)	4.440 (112.8)	.220	C/F	C/F	C/F	C/F	C/F

NOTE: For every 100°F increase in working temperature, stated burst pressures of SVP Series hose decrease by 5%.

NOTE: C/F — Consult factory.

## Sterilization Methods

- Autoclavable
- Radiation - up to 2.5 Mrad (25 Kilogray)
- Gas - Ethylene Oxide

**Distributed By:**

Pure-Fit® is a registered trademark.

**PURE-FIT® HOSE IS NOT INTENDED FOR USE AS AN IMPLANT MATERIAL**

## BIOPHARMACEUTICAL PRODUCTS

*Come through clean.™*

### Saint-Gobain Performance Plastics

460 Milltown Road  
 Bridgewater, NJ 08807  
 Tel: (800) 435-3992  
 Tel: (908) 218-8888  
 Fax: (908) 218-9009



**IMPORTANT:** It is the user's responsibility to ensure the suitability and safety of Saint-Gobain Performance Plastics tubing for all intended uses. Laboratory and clinical tests must be conducted in accordance with applicable regulatory requirements in order to determine the safety and effectiveness for use of tubing in any particular application.

For a period of 6 months from the date of first sale, Saint-Gobain Performance Plastics Corporation warrants this product to be free from 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. User assumes all other risk, if any, including the risk of injury, loss or damage, direct or consequential, arising out of the use, misuse, or inability to use, this product. THIS WARRANTY IS IN LIEU OF THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR PARTICULAR PURPOSE, AND ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED. No deviation is authorized.

Saint-Gobain Performance Plastics Corporation assumes no obligations or liability for any advice furnished by it, or for results obtained with respect to those products. All such advice is given and accepted at the buyer's risk.