

# 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 100xF 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

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**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.

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