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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

- Reduced force-to-bend
- 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

Fittings

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

Sterilization Methods

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

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)	0.22	250	500	3.00	.26	29.9
HOSSVP-12	.750 (19.1)	1.190 (30.2)	0.22	200	500	4.00	.32	29.9
HOSSVP-16	1.000 (25.4)	1.440 (36.6)	0.22	150	500	5.00	.45	29.9
HOSSVP-24	1.500 (38.1)	1.940 (49.3)	0.22	150	500	9.00	.66	29.9
HOSSVP-32	2.000 (50.8)	2.440 (62.0)	0.22	125	500	12.00	.81	29.9
HOSSVP-40	2.500 (63.5)	2.940 (74.7)	0.22	100	350	18.00	.99	29.9
HOSSVP-48	3.000 (76.2)	3.440 (87.4)	0.22	90	350	18.00	1.29	29.9
HOSSVP-64	4.000 (101.6)	4.440 (112.8)	0.22	*	*	*	*	*

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

*Consult Sani-Tech West

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

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