

Pure-Fit[®] SVP Wire-Reinforced Hose



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 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.

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

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

Pure-Fit® is a registered trademark.

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