

Pure Fit™ SWP Wire-Reinforced Hose



Pure-Fit® SWP is a high-pressure, platinum-cured silicone hose.

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Pure-Fit® SWP platinum-cured silicone hose has a multi-layer construction and a 316 stainless steel helical wire reinforcement that offers ultimate flexibility in high pressure and vacuum rating situations.

Pure-Fit® SWP 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. Lot traceability is readily accessible as 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® SWP hose is manufactured from the finest grade of silicone materials and is fully tested to meet USP Class VI criteria.

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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 25-foot lengths

Typical Applications

- Vacuum pump applications
- Pharmaceutical processing
- Biotechnology
- Bulk transfer
- Load cell

Connections

- Radially crimped 316L SS or non-metallic fittings
- Adapter connections

Pure-Fit® SWP Hose Inventory Sizes

Part Number	ID Inches (mm)	OD Inches (mm)	Wall Inches	Max. Working Pressure PSI at 68°F	Burst Pressure PSI at 68°F	Minimum Bend Radius Inches	Weight Per Foot Lb.	Vacuum Rating IN. HG
HOSSWP-08	.500 (12.70)	.920 (23.37)	.210	150	600	1.5	.25	29.9
HOSSWP-12	.750 (19.05)	1.190 (30.23)	.220	125	500	2.5	.36	29.9
HOSSWP-16	1.000 (25.40)	1.450 (36.83)	.225	125	500	4.0	.48	29.9
HOSSWP-24	1.500 (38.10)	2.160 (54.86)	.330	125	500	5.5	1.00	29.9
HOSSWP-32	2.000 (50.80)	2.690 (68.33)	.345	100	400	7.0	1.25	29.9

NOTE: Burst pressure will decrease by 5% for each 200°F (93°C) increase up to 500°F (260°C) maximum pressure for Pure-Fit® SWP. The diameter measurements are nominal values.

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

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Come through clean.™

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