

Pure-Fit® SMP Multi-Ply Reinforced Hose



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Pure-Fit® SMP platinum-cured silicone hose is an ultra-flexible, high-purity hose consisting of 4-plys of reinforcement utilized for higher pressure sanitary transfer applications in the pharmaceutical and biotech industries.

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

BIOPHARMACEUTICAL PRODUCTS

Platinum-Cured Multi-Ply Reinforced Silicone Hose

Features/Benefits

- Extremely Flexible
- Extra Durable
- Sterilizable
- Outstanding Pressure-Rating Strength
- Slight Vacuum Rating without a Stainless Steel Wire Reinforcement
- Pigmented Outer Cover Available
- Available in 12-foot Lengths

Typical Applications

- Sanitary Bulk Product Transfer
- CIP Supply
- WFI Transfer
- Load Cell

Connections

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

Pure-Fit® SMP 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
HOSSMP-08	.500 (12.7)	.940 (23.9)	.220	150	500	3.00	.25	29.9
HOSSMP-12	.750 (19.1)	1.190 (30.2)	.220	150	500	4.00	.35	25.0
HOSSMP-16	1.000 (25.4)	1.440 (36.6)	.220	125	450	7.00	.43	22.0
HOSSMP-24	1.500 (38.1)	1.940 (49.3)	.220	100	400	12.00	.63	17.0
HOSSMP-32	2.000 (50.8)	2.440 (62.0)	.220	75	300	30.00	7.8	14.0

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

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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