

# Pure-Fit® SMP Series

## Hose Specifications



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### Pure-Fit® SMP Multi-Ply Reinforced Hose

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 with 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

#### 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
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 100xF increase in working temperature, stated burst pressures of SMP Series hose decrease by 5% .

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

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