

# Pure Fit<sup>®</sup> SMP Multi-Ply Reinforced Hose



## 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
- Adapter connections

#### Pure-Fit<sup>®</sup> SMP Multi-Ply Reinforced Hose

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

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

## Pure-Fit® SMP 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 @ 68°F
HOSSMP-08	0.500 (12.7)	0.940 (23.9)	0.22	150	500	3.00	0.25	29.9
HOSSMP-12	0.750 (19.1)	1.190 (30.2)	0.22	150	500	4.00	0.35	25.0
HOSSMP-16	1.000 (25.4)	1.440 (36.6)	0.22	125	450	7.00	0.43	22.0
HOSSMP-24	1.500 (38.1)	1.940 (49.3)	0.22	100	400	12.00	0.63	17.0
HOSSMP-32	2.000 (50.8)	2.440 (62.0)	0.22	75	300	30.00	7.8	14.0

## Sterilization Methods

- Autoclavable
- Radiation – up to 5.0 Mrad (50 Kilogray)
- Gas – Ethylene Oxide

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

Pure-Fit® is a registered trademark.

## BIOPHARMACEUTICAL PRODUCTS

*Come through clean.™*

### Saint-Gobain Performance Plastics

460 Milltown Road  
Bridgewater, NJ 08807  
Tel: (800) 435-3992  
Tel: (908) 218-8888  
Fax: (908) 218-9009



**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.

For a period of 6 months from the date of first sale, Saint-Gobain Performance Plastics Corporation warrants this product to be free from defects in materials and workmanship. Our only obligation will be to replace any portion proving defective, or at our option, to refund the purchase price thereof. User assumes all other risk, if any, including the risk of injury, loss or damage, direct or consequential, arising out of the use, misuse, or inability to use, this product. THIS WARRANTY IS IN LIEU OF THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR PARTICULAR PURPOSE, AND ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED. No deviation is authorized.

Saint-Gobain Performance Plastics Corporation assumes no obligations or liability for any advice furnished by it, or for results obtained with respect to those products. All such advice is given and accepted at the buyer's risk.