

Pure-Fit® SBP Braid-Reinforced Hose



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Pure-Fit® SBP platinum-cured braid-reinforced silicone hose is an ultra-flexible, high-purity hose utilized for higher pressure sanitary transfer applications in the pharmaceutical and biotech industries.

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

BIOPHARMACEUTICAL PRODUCTS

Platinum-Cured Braid-Reinforced Silicone Hose

Features/Benefits

- Ultra-Flexible
- Improved Bend Radius over Wire-Reinforced Tubing
- Sterilizable
- Autoclavable
- Imparts No Taste or Odor
- Color Striping Available
- Criss-Cross Color Braiding Available
- Available in 50-foot Lengths

Typical Applications

- Pharmaceutical Bulk-Product Transfer
- Vessel or tank transfer
- Cell Cultures
- Load Cell

Connections

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

Pure-Fit® SBP Hose Inventory Sizes

Part Number	ID Inches (mm)	OD Inches (mm)	Wall Inches	Recommended Working Pressure PSI at 68°F	Minimum Burst Pressure, PSI at 68°F	Minimum Bend Radius Inches	Weight Per Foot, Lb.
HOSSBP-04	.250 (6.4)	.500 (13.2)	.125	150	550	1.55	.08
HOSSBP-06	.375 (9.5)	.625 (16.6)	.125	135	480	1.75	.12
HOSSBP-08	.500 (12.7)	.875 (20.3)	.187	125	390	2.00	.16
HOSSBP-10	.625 (15.9)	1.000 (25.4)	.187	120	360	2.50	.22
HOSSBP-12	.750 (19.1)	1.125 (27.9)	.187	90	300	3.00	.26
HOSSBP-16	1.000 (25.4)	1.375 (34.5)	.187	60	220	4.00	.35

NOTE: For every 100°F increase in working temperature, stated burst pressures of SBP Series hose decrease by 10%.

NOTE: Consult factory for availability of other sizes, such as 3/16-inch I.D. (.187-in.).

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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