

Pure-Fit® SBP Series

Hose Specifications



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Pure-Fit® SBP Wire-Reinforced Hose

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, 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 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
- Available in 50-foot lengths
- Lot number traceability

Typical Applications

- Pharmaceutical bulk-product transfer
- Vessel or tank transfer
- Cell cultures
- Load cell

Fittings

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

Sterilization Methods

- Autoclavable
- Radiation - up to 5.0 Mrad (50 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.
HOSSBP-04	.250 (6.4)	.500 (13.2)	.125	180	725	1.55	.08
HOSSBP-06	.375 (9.5)	.625 (16.6)	.125	180	725	1.75	.12
HOSSBP-08	.500 (12.7)	.875 (20.3)	.187	175	700	2.00	.16
HOSSBP-10	.625 (15.9)	1.000 (25.4)	.187	125	500	2.50	.22
HOSSBP-12	.750 (19.1)	1.125 (27.9)	.187	105	425	3.00	.26
HOSSBP-16	1.000 (25.4)	1.375 (34.5)	.187	75	300	4.00	.35

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

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

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