

Platinum-cured silicone braided hose



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Features and benefits

- Manufactured and packed within an ISO 14644 Class 7 cleanroom
- Post sterilized validation to current USP, EU and FDA standards
- Withstands sterilization and repeat autoclave
- Available in either 7.6 m and 15.2 m coils



Technical specifications

	Platinum-cured silicone braided hose
Bore size	3.2 - 25.4 mm
Bore size	0.125 - 1 in
External diameter	8.8 - 34.5 mm
External diameter	0.345 - 1.36 in
Length	7.6 - 15.2 m
Length	25 - 50 Ft
Certification and compliance	ADCF, ISO 10993, ISO Class 7, Ph. Eur. 3.1.9, USP <788>, USP <95>, USP <97>, USP Class VI
Operating temperature range	-65 to 254 °C
Operating temperature range	-85 to 490 °F
Burst pressure	15.1 - 48.3 bar
Burst pressure	220 - 700 psi
Shelf life	5 years
Gamma stability	Max 50kGy
Autoclave stability	Yes
Bend radius	25.4 - 101.6 mm
Bend radius	1 - 4 in

Materials of construction

	Platinum-cured silicone braided hose
Inner tube	Platinum-cured silicone
Braid layer 1	Polyester
Outer tube	Platinum-cured silicone

Product codes

Part number	I.D. mm (inch)	O.D. mm (inch)	Length m (ft)	Min. bend radius mm (inch)	Min. burst pressure at 20C/68F bar (psi)
BPSHP0125-C	3.2 (0.125)	8.8 (0.345)	7.6 (25)	25.4 (1.00)	48.3 (700)
BPSHP0188-C	4.8 (0.187)	10.3 (0.407)	7.6 (25)	31.8 (1.25)	44.3 (650)
BPSHP0250-C	6.4 (0.250)	12.4 (0.490)	7.6 (25)	38.0 (1.5)	43.1 (625)
BPSHP0375-C	9.6 (0.375)	16.7 (0.658)	7.6 (25)	44.4 (1.75)	37.9 (550)
BPSHP0500-C	12.7 (0.500)	20.3 (0.800)	7.6 (25)	50.8 (2.00)	34.5 (500)
BPSHP0625-C	15.9 (0.625)	24.5 (0.965)	7.6 (25)	63.5 (2.5)	28.9 (420)
BPSHP0750-C	19.0 (0.750)	27.9 (1.100)	7.6 (25)	76.2 (3.00)	24.1 (350)
BPSHP0875-C	22.2 (0.875)	32.0 (1.260)	7.6 (25)	88.9 (3.50)	20.7 (300)
BPSHP1000-C	25.4 (1.00)	34.5 (1.360)	7.6 (25)	101.6 (4.00)	15.1 (220)
BPSHP0125-D	3.2 (0.125)	8.8 (0.345)	15.2 (50)	25.4 (1.00)	48.3 (700)
BPSHP0188-D	4.8 (0.187)	10.3 (0.407)	15.2 (50)	31.8 (1.25)	44.3 (650)
BPSHP0250-D	6.4 (0.250)	12.4 (0.490)	15.2 (50)	38.0 (1.5)	43.1 (625)
BPSHP0375-D	9.6 (0.375)	16.7 (0.658)	15.2 (50)	44.4 (1.75)	37.9 (550)
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