

# BioPure Platinum-cured silicone single braided hose

## FEATURES AND BENEFITS

- **High pressure flexible hose with continuously extruded Platinum-cured silicone core ensures product integrity**
- **Withstands sterilisation and repeat autoclaving**
- **USP Class VI certified**
- **LOT numbering enables product traceability**



## COMPLIANCE

Production facilities:

- Components are manufactured and packed within an ISO14644 Class 7 cleanroom

Post sterilised product is tested to comply with a range of current USP, EP and FDA standards. These include:

- USP <85> to determine the presence of bacterial endotoxin
- USP <88> and ISO 10993 Parts 6, 10 and 11 In vivo for biological reactivity
- USP <87> and ISO 10993 Part 5 for In vitro cytotoxicity
- USP <788> to determine the presence of particulates due to the manufacturing process
- EP 3.1.9 for physiochemical properties
- Extractables studies have been performed using a multi-solvent approach to BPOG guidelines

## TECHNICAL DATA

Operating temperature -65C to 254C (-85F to 490F)

Gamma irradiation up to 50kGY

Product is supplied unsterilised



## ORDER INFORMATION

### BioPure Platinum-cured silicone single braided hose

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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