

**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:

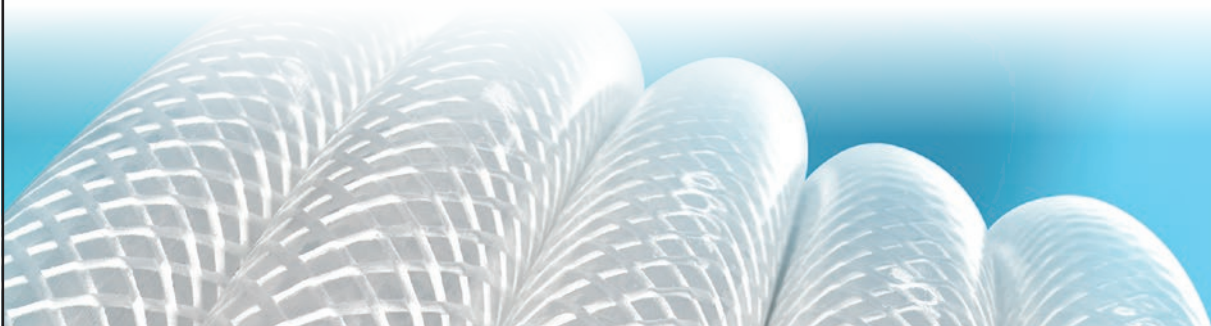
- USP <85> to determine the presence of bacterial endotoxin
- USP <88> and ISO 10993 Parts 6, 10 and 11 In vivo for biological reactivity
- USP <87> and ISO 10993 Part 5 for In vitro cytotoxicity
- USP <788> to determine the presence of particulates due to the manufacturing process
- EP 3.1.9 for physiochemical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

## TECHNICAL DATA

Operating temperature -65C-254C (-85F-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)	Working Pressure at 20C/68F bar (psi)	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)	12.11 (175)	48.3 (700)
BPSHP0188-C	4.8 (0.187)	10.3 (0.407)	7.6 (25)	31.8 (1.25)	10.3 (150)	44.3 (650)
BPSHP0250-C	6.4 (0.250)	12.4 (0.490)	7.6 (25)	38.0 (1.5)	5.6 (81)	43.1 (625)
BPSHP0375-C	9.6 (0.375)	16.7 (0.658)	7.6 (25)	44.4 (1.75)	9.5 (138)	37.9 (550)
BPSHP0500-C	12.7 (0.500)	20.3 (0.800)	7.6 (25)	50.8 (2.00)	8.6 (125)	34.5 (500)
BPSHP0625-C	15.9 (0.625)	24.5 (0.965)	7.6 (25)	63.5 (2.5)	7.2 (105)	28.9 (420)
BPSHP0750-C	19.0 (0.750)	27.9 (1.100)	7.6 (25)	76.2 (3.00)	6.0 (88)	24.1 (350)
BPSHP0875-C	22.2 (0.875)	32.0 (1.260)	7.6 (25)	88.9 (3.50)	5.2 (75)	20.7 (300)
BPSHP1000-C	25.4 (1.00)	34.5 (1.360)	7.6 (25)	101.6 (4.00)	3.8 (55)	15.1 (220)
BPSHP0125-D	3.2 (0.125)	8.8 (0.345)	15.2 (50)	25.4 (1.00)	12.1 (175)	48.3 (700)
BPSHP0188-D	4.8 (0.187)	10.3 (0.407)	15.2 (50)	31.8 (1.25)	11.2 (163)	44.3 (650)
BPSHP0250-D	6.4 (0.250)	12.4 (0.490)	15.2 (50)	38.0 (1.5)	5.6 (81)	43.1 (625)
BPSHP0375-D	9.6 (0.375)	16.7 (0.658)	15.2 (50)	44.4 (1.75)	9.5 (138)	37.9 (550)
BPSHP0500-D	12.7 (0.500)	20.3 (0.800)	15.2 (50)	50.8 (2.00)	8.6 (125)	34.5 (500)
BPSHP0625-D	15.9 (0.625)	24.5 (0.965)	15.2 (50)	63.5 (2.5)	7.2 (105)	28.9 (420)
BPSHP0750-D	19.0 (0.750)	27.9 (1.100)	15.2 (50)	76.2 (3.00)	6.0 (88)	24.1 (350)
BPSHP0875-D	22.2 (0.875)	32.0 (1.260)	15.2 (50)	88.9 (3.50)	5.2 (75)	20.7 (300)
BPSHP1000-D	25.4 (1.00)	34.5 (1.360)	15.2 (50)	101.6 (4.00)	3.8 (55)	15.1 (220)

NOTE: The data listed in this datasheet is meant only as a guide to aid in design. Working pressures are suggested based on a 4:1 safety factor. However product field-testing should be performed to find the actual values for a specific application

Disclaimer: The information contained in this document is believed to be correct but Watson-Marlow Limited accepts no liability for any errors it contains and reserves the right to alter specifications without notice. It is the users responsibility to ensure product suitability for use within their application. Watson-Marlow and pure are registered trademarks of Watson-Marlow Limited. Bio Y, BioClamp, BioBarb, FlatBioEndCap, BioEndCap, BioValve and BioTube applicator are Trademarks of BioPure Technology Limited. Tri-Clamp is a registered trademark of Alfa Laval Corporate AB. Q-Clamp is used under licence.



wmftg.com  
info@wmftg.com  
+44 (0) 2392 499000