

PLATINUM-CURED BRAIDED SILICONE HOSE (PISB)



Purity One is the premier flex hose source nationally. Our new state-of-the-art hose assembly and testing facility allow us to be best-in-class by combining quality products, assembly services and premier customer service.

Purity One can assemble platinum-cured braided silicone hoses with nearly any type of end connection desired.

PRODUCT NUMBER	NOMINAL I.D.		WALL		O.D.		WORKING PRESSURE AT 70°F (21.1°C)		BURST PRESSURE AT 70°F (21.1°C)		MINIMUM BEND RADIUS		WEIGHT PER FOOT/METER	
	(in.)	(mm)	(in.)	(mm)	(in.)	(mm)	(PSI)	(BAR)	(PSI)	(BAR)	(in.)	(mm)	(lb.)	(kg)
PISB-0250	.250	6.35	.125	3.17	.500	12.70	140	9.65	550	37.92	1	25.4	.077	.115
PISB-0375	.375	9.53	.125	3.17	.625	15.88	140	9.65	550	37.92	1	25.4	.102	.152
PISB-0500	.500	12.70	.187	4.75	.875	22.23	105	7.24	420	28.96	3	76.2	.211	.314
PISB-0750	.750	19.05	.175	4.45	1.125	28.58	90	6.21	350	24.13	4	101.6	.287	.427
PISB-1000	1.000	25.40	.190	4.83	1.405	35.69	60	4.14	225	15.51	6	152.4	.401	.597

Features

- Biopharmaceutical grade platinum-cured silicone
- Temperature range: -100°F (-73.3°C) to 400°F (204.4°C)
- Resists temperature extremes, compression set, chemical attack, moisture and environmental exposure
- Sterilizable by autoclave, CIP, SIP and gamma radiation processes
- Purity One hose traceable with serial and lot numbers
- Purity One labeling system available
- 1-year warranty
- Purity One hose measuring system (available upon request)
- 24-hour emergency service available

Certifications

- Purity One Certificate of Conformance and test results with each order
- USP Class VI, FDA CFR 177.2600, ISO 1099 and European Pharmacopoeia 3.1.9 standards

Fittings

- Sanitary, EP
- Flange
- Pipe Thread
- Cam Lock
- Quick Disconnects
- Others (available upon request)

