

PLATINUM-CURED BRAIDED SILICONE HOSE (PISB)

Purity One™ is your premier Custom Hose Solutions source. Our best-in-class hose assemblies combine quality products, assembly services, and premier customer service.

Biopharmaceutical manufacturers need a responsive, flexible, and technically driven hose partner. The Purity One™ team will work with you to develop a world-class assembly using the PISB Platinum-Cured Braided Silicone Hose.



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	.513	13.03	218	15.03	653	45.02	1.57	39.88	.083	.038
PISB-0375	.375	9.53	.125	3.17	.643	16.33	174	12.00	522	35.99	1.97	50.04	.118	.054
PISB-0500	.500	12.70	.187	4.75	.791	20.09	145	10.00	435	29.99	2.56	65.02	.159	.072
PISB-0750	.750	19.05	.175	4.45	1.10	27.91	116	8.00	348	23.99	3.15	80.01	.279	.127
PISB-1000	1.000	25.40	.190	4.83	1.36	34.49	73	5.03	218	15.03	4.72	119.89	.345	.156

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 irradiation
- 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 standard

Fittings

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

