

SINGLE-USE PLATINUM-CURED BRAIDED SILICONE HOSE (P1SB & P1ADB)

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

Utilizing its ISO 13485 certified Class 7 cleanroom, Purity One™ can assemble platinum-cured braided and double braided silicone hose for your high pressure Single-Use applications. Available in both gamma irradiated and non-gamma irradiated formats, these hoses are ideal for Upstream and Downstream processes.



PRODUCT NUMBER	NOMINAL I.D.		WALL		O.D.		WORKING PRESSURE AT 70 °F (21.1 °C)		MINIMUM BEND RADIUS	
	(in.)	(mm)	(in.)	(mm)	(in.)	(mm)	(PSI)	(BAR)	(in.)	(mm)
(P1SB)										
P1SB-0250	0.25	6.35	0.125	3.17	0.5	12.7	140	9.65	1	25.4
P1SB-0375	0.375	9.53	0.125	3.17	0.625	15.88	140	9.65	1	25.4
P1SB-0500	0.5	12.7	0.187	4.75	0.875	22.23	105	7.24	3	76.2
P1SB-0750	0.75	19.05	0.175	4.75	1.125	28.58	90	6.21	4	101.6
P1SB-1000	1	25.4	0.19	4.83	1.405	35.69	60	4.14	6	152.4
(P1ADB)										
P1ADB-0500	0.5	12.7	0.20	4.95	0.89	22.6	200	13.6	2.5	63.5
P1ADB-0750	0.75	19.1	0.22	5.46	1.18	30.0	170	11.6	3	76.2
P1ADB-1000	1	25.4	0.22	5.46	1.43	36.3	125	8.5	3.5	88.9

Features

- Biopharmaceutical grade platinum-cured silicone
- Temperature range: PP: 0°F (-18°C) to 250°F (121°C)
PVDF: -40°F (-40°C) to 280°F (138°C)
- Sterilized by autoclave, CIP, SIP (w/PVDF Fitting) 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
- USP Class VI, FDA CFR 177.2600, ISO 1099 and European Pharmacopoeia 3.1.9 standard
- ISO Class 7 Cleanroom
- ISO 13485

Fittings

- Sanitary, PP & PVDF
- aSURE® Sanitary Fitting PP
 - Integral Gasket attached to fitting
- AseptiQuik® Sterile Connectors

