

4-PLY BRAIDED SILICONE HOSE (PIZSM)

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 PIZSM 4-PLY 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		MAXIMUM LENGTH
	(in.)	(mm)	(in.)	(mm)	(in.)	(mm)	(PSI)	(BAR)	(PSI)	(BAR)	(in.)	(lb.)	(kg)	(m)
08P1ZSM	0.50	13	0.21	5.5	0.9	24	145	10	580	40	4	0.17	0.374	20
12P1ZSM	0.75	19	0.21	5.5	1.2	30	145	10	580	40	6	0.22	0.490	20
16P1ZSM	1.00	25	0.24	6.0	1.5	37	145	10	580	40	8	0.27	0.602	20
24P1ZSM	1.50	38	0.21	5.5	1.9	49	145	10	580	40	12	0.39	0.862	20
32P1ZSM	2.00	50	0.21	5.5	2.4	62	145	10	580	40	16	0.55	1.222	20

Features

- Made in cleanroom ISO 14644-1 class 8
- 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)

