

WIRE-REINFORCED SILICONE HOSE (P1ZSW)

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 P1ZSW Wire-Reinforced Silicone Hose.



PRODUCT NUMBER	NOMINAL I.D.		WALL		O.D.		VACUUM RATING (in./HG)	WORKING PRESSURE AT 70°F (21.1°C)		BURST PRESSURE AT 70°F (21.1°C)		MINIMUM BEND RADIUS (mm)	WEIGHT PER FOOT/METER		MAXIMUM LENGTH (m)
	(in.)	(mm)	(in.)	(mm)	(in.)	(mm)		(PSI)	(BAR)	(PSI)	(BAR)		(lb.)	(kg)	
08P1ZSW	0.50	13	0.2	5.0	0.9	23	-0.9	145	10	435	30	40	0.84	0.38	30
12P1ZSW	0.75	19	0.2	5.0	1.1	29	-0.9	145	10	435	30	55	1.12	0.51	30
16P1ZSW	1.00	25	0.2	5.0	1.4	35	-0.9	145	10	435	30	65	1.59	0.72	30
24P1ZSW	1.50	32	0.2	5.0	1.7	42	-0.9	145	10	435	30	95	1.94	0.88	30
32P1ZSW	2.00	50	0.2	5.0	2.4	60	-0.9	145	10	435	30	150	3.11	1.41	30

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)

