

PLATINUM-CURED WIRE REINFORCED SILICONE HOSE (PISW)

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 PISW Reinforced Silicone Hose.



PRODUCT NUMBER	NOMINAL I.D.		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 (in.)	WEIGHT PER FOOT/METER		STANDARD LENGTH (ft.)
	(in.)	(mm)	(in.)	(mm)		(PSI)	(BAR)	(PSI)	(BAR)		(lb.)	(kg)	
(PISW) PLATINUM-CURED WIRE REINFORCED													
PISW-0500	.500	12.70	.910	23.11	>29	150	10.3	600	41.4	2.0	.281	.418	13
PISW-0750	.750	19.05	1.16	29.46	>29	150	10.3	600	41.4	2.5	.359	.534	13
PISW-1000	1.000	25.40	1.41	35.81	>29	150	10.3	600	41.4	3.5	.438	.652	13
PISW-1500	1.500	38.10	1.91	48.51	>29	150	10.3	600	41.4	4.0	.685	1.019	13
PISW-2000	2.000	50.80	2.41	61.21	>29	150	10.3	600	41.4	6.0	.875	1.302	13

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)

