

PLATINUM-CURED WIRE REINFORCED SILICONE HOSE (P1SW) & (P1SC)

Purity One is the premier flex hose source nationally. Our new state-of-the-art hose assembly and testing facility allow us to be best-in-class by combining quality products, assembly services and premier customer service.

Purity One can assemble platinum-cured wire reinforced silicone hoses with nearly any type of end connection desired.



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)	
(P1SW) PLATINUM-CURED WIRE REINFORCED													
P1SW-0500	.500	12.70	.910	23.11	>29	150	10.3	600	41.4	2.0	.281	.418	13
P1SW-0750	.750	19.05	1.16	29.46	>29	150	10.3	600	41.4	2.5	.359	.534	13
P1SW-1000	1.000	25.40	1.41	35.81	>29	150	10.3	600	41.4	3.5	.438	.652	13
P1SW-1500	1.500	38.10	1.91	48.51	>29	150	10.3	600	41.4	4.0	.685	1.019	13
P1SW-2000	2.000	50.80	2.41	61.21	>29	150	10.3	600	41.4	6.0	.875	1.302	13
(P1SC) PLATINUM-CURED WIRE REINFORCED CONVOLUTED O.D., SPIRAL WRAPPED													
P1SC-1000	1.000	25.40	1.41	35.81	>29	250	17.2	1000	68.9	2.5	.438	.652	12
P1SC-1500	1.500	38.10	1.91	48.51	>29	250	17.2	1000	68.9	4.0	.685	1.019	12
P1SC-2000	2.000	50.80	2.41	61.21	>29	205	14.1	820	56.5	6.0	.875	1.302	12

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 radiation processes
- 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 standards

Fittings

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

