

P1ZSW

WIRE REINFORCED SILICONE HOSE



Introduction

Explore P1ZSW, a cutting-edge platinum-cured silicone hose designed to meet the diverse needs of the food, pharmaceutical, and cosmetic industries. Purity One™ hoses are meticulously crafted to provide optimal performance in a wide range of high purity applications. With a focus on quality, durability, functionality, and customer service, these hoses ensure reliable fluid handling and transport.

Features

- Platinum-cured silicone hose
- Made in ISO 14644-1 Class 8 Cleanroom
- Available in lengths up to 98ft
- Temperature range: -76°F (-60°C) to 500°F (206°C)
- Resists temperature extremes, compression set, chemical attack, moisture and environmental exposure
- It may be washed with any mild detergents
- Sterilizable by autoclave, CIP, SIP, and Gamma up to 40KG
- 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

Fittings

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

Applications

- Silicone hose for delivery of high purity products, foodstuff, and fluids with alcohol content up to 96%
- Normally used in pharmaceutical, food, and cosmetic industries
- CIP, SIP, Process and Vacuum Applications

Construction

TUBE

- Platinum cured silicone for an odorless and tasteless, smooth glossy finish.

REINFORCEMENT

- High-strength piles of synthetic cord.
- Embedded with stainless steel helix.

COVER

- Platinum cured silicone for an odorless and tasteless, smooth glossy finish.

Certifications

- Purity One™ Certificate of Conformance and test results with each order
- In Compliance; FDA, EU Food, USP Class VI, EN;16643 & Material Certification
- Free from animal derived ingredients, phthalates, adipates, nitrosamines

PRODUCT NUMBER	NOMINAL I.D.		O.D.		WALL THICKNESS		WORKING PRESSURE AT 70°F (21.1°C)		BURST PRESSURE AT 70°F (21.1°C)		MIN. BEND RADIUS		VACUUM		APPROX. WEIGHT		MAX. LENGTH
	(in.)	(mm)	(in.)	(mm)	(in.)	(mm)	(psi)	(bar)	(psi)	(bar)	(in)	(mm)	(psi)	(bar)	(kg/m)	(lb/ft)	(m)
(P1ZSW)																	
P1ZSW-0500	0.500	13	0.91	23	0.20	5.0	145	10	435	30	1.57	40	-13	-0.9	0.38	0.26	30
P1ZSW-0750	0.750	19	1.14	29	0.20	5.0	145	10	435	30	2.17	55	-13	-0.9	0.51	0.34	30
P1ZSW-1000	1.000	25	1.38	35	0.20	5.0	145	10	435	30	2.56	65	-13	-0.9	0.72	0.48	30
P1ZSW-1500	1.500	38	1.89	48	0.20	5.0	145	10	435	30	4.33	110	-13	-0.9	1.04	0.70	30
P1ZSW-2000	2.000	50	2.36	60	0.20	5.0	145	10	435	30	5.91	150	-13	-0.9	1.41	0.95	30