

P1ZSM

4-PLY BRAIDED SILICONE HOSE



VIEW P1ZSM ON WEBSITE

Introduction

Explore P1ZSM, a cutting-edge platinum-cured silicone hose designed to meet the diverse needs of the biotech, pharmaceutical, food, 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 65ft
- 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

- Silicone rubber, translucent (code silicone PT3362), food and pharmaceutical quality, odorless and tasteless, smooth, glossy finish.

REINFORCEMENT

- High-strength piles of synthetic cord.

COVER

- Silicone rubber, translucent (code silicone PT3362), food and pharmaceutical quality, 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
- Pharma grade validation: tested in accordance with USP Class VI and EU Pharmacopoeia.
- Free from animal derived ingredients, phthalates, adipates, nitrosamines

PRODUCT NUMBER	NOMINAL I.D.		WALL		O.D.		WORKING PRESSURE AT 70°F (21.1°C)		BURST PRESSURE AT 70°F (21.1°C)		WEIGHT		MAXIMUM LENGTH
	(in.)	(mm)	(in.)	(mm)	(in.)	(mm)	(psi)	(bar)	(psi)	(bar)	(kg/m)	(lb/ft)	(m)
(P1ZSM)													
P1ZSM-0500	0.50	13	0.21	5.5	0.95	24	145	10	580	40	0.17	0.374	20
P1ZSM-0750	0.75	19	0.21	5.5	1.18	30	145	10	580	40	0.22	0.490	20
P1ZSM-1000	1.00	25	0.24	6.0	1.46	37	145	10	580	40	0.27	0.602	20
P1ZSM-1500	1.50	38	0.21	5.5	1.93	49	145	10	580	40	0.39	0.862	20
P1ZSM-2000	2.00	51	0.21	5.5	2.44	62	102	7	406	28	0.55	1.222	20