

P1SGHD



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PLATINUM-CURED SILICONE WITH DOUBLE POLY BRAID

Introduction

Explore P1SGHD, a cutting-edge platinum-cured double braided 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

- Biopharmaceutical grade, platinum-cured silicone
- Double-braided silicone hose for high pressure applications
- Temperature range: -80°F (-62°C) to 500°F (260°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 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

Applications

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

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

Fittings

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

PRODUCT NUMBER	NOMINAL I.D.		O.D.		WORKING PRESSURE AT 70°F (21.1°C)		BURST PRESSURE AT 70°F (21.1°C)		MINIMUM BEND RADIUS	STANDARD LENGTH
	(in.)	(mm)	(in.)	(mm)	(psi)	(bar)	(psi)	(bar)	(in)	(ft)
(P1SGHD)										
P1SGHD-0500	0.500	12.70	0.890	20.00	200	13.8	800	55	2.50	50
P1SGHD-0750	0.750	19.00	1.180	30.00	170	11.7	680	47	3.00	50
P1SGHD-1000	1.000	25.40	1.430	36.00	125	8.6	500	35	3.50	50
P1SGHD-1500	1.500	38.00	2.142	54.00	100	6.9	400	28	6.50	25
P1SGHD-2000	2.000	50.80	2.695	69.00	75	5.2	300	21	9.50	25