

P1SFO

SMOOTH FLEX ONE



Introduction

Explore P1SFO, a cutting-edge PTFE hose with a platinum-cured silicone jacket designed to meet the diverse needs of all industries. Purity One™ hoses are meticulously crafted to provide optimal performance in a wide range of applications. With a focus on quality, durability, functionality, and customer service, these hoses ensure reliable fluid handling and transport.

Features

- Platinum-cured silicone cover
- Available in lengths up to 100ft
- Temperature range: -76°F to 500°F (-60°C to 260°C)
- Resists temperature extremes, compression set, chemical attack, moisture and environmental exposure
- Sterilizable by autoclave, CIP, and SIP
- 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

- For any industry - Pharmaceutical, biotech, food & beverage, chemical, petro-chemical, general purpose industrial, automotive OE & autosport

Construction

INNER LAYER

- FDA Approved Virgin or Anti-Static PTFE Tube

REINFORCEMENT

- 304 Stainless Steel Braid

OUTER LAYER

- Platinum-Cured Silicone Cover

Certifications

- Purity One™ Certificate of Conformance and test results with each order
- In Compliance; FDA, EU Food, USP Class VI, EN16643 & 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		WEIGHT	
	(in.)	(mm)	(in.)	(mm)	(psi)	(bar)	(psi)	(bar)	(in)	(mm)	(kg/m)	(lb/ft)
(P1SFO)												
P1SFO-0500	.53	13.40	.71	18.00	870	60.00	3481	240	1.50	38	.26	.18
P1SFO-0750	.75	19.10	.95	24.10	870	60.00	3481	240	1.97	50	.42	.28
P1SFO-1000	1.00	25.50	1.24	31.40	725	50.00	2901	200	2.76	70	.64	.43
P1SFO-1500	1.50	38.10	1.81	46.10	580	40.00	2321	160	5.51	140	1.18	.79
P1SFO-2000	1.95	49.50	2.29	58.20	435	30.00	1740	120	11.02	280	1.72	1.15
(P1SFOAS Conductive)												
P1SFOAS-0500	.53	13.40	.71	18.00	870	60.00	3481	240	1.50	38	.26	.18
P1SFOAS-0750	.75	19.10	.95	24.10	870	60.00	3481	240	1.97	50	.42	.28
P1SFOAS-1000	1.00	25.50	1.24	31.40	725	50.00	2901	200	2.76	70	.64	.43
P1SFOAS-1500	1.50	38.10	1.81	46.10	580	40.00	2321	160	5.51	140	1.18	.79
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