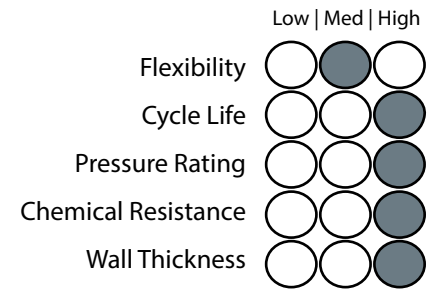
PTFE Hose - PTFE-HP

Smoothbore High Pressure PTFE

Part No.: PTFE-HP
Construction: Smoothbore
Profile: Low Flexibility / High Pressure
Tube Available: PTFE Virgin Inner Tube
Braid Available: Double 304 Stainless Steel Braid
Cover: Optional Hytrel Cover, use Part Number PTFE-HP-06-H
Size Available: 1/4"
Temperature: -60°C to 260°C
Note: Only available as an assembly
Sintered/Permeation:
Slow Sintered (medium level of permeation)



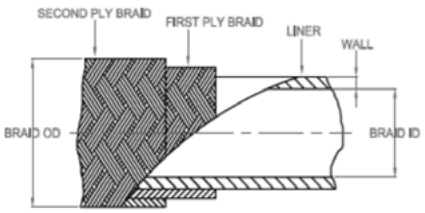
Construction

Use:
Slow sintered PTFE hose that is ideal for gas delivery applications due to lower permeation. Double braided to provide higher pressure rating for high pressure gas applications.
Standards:
USP Class VI compliance PTFE resin used in tubing
Part 1.PTFE-E.P.D.M 1.6.1.C.E.4_12
ISO 1402 - Rubber and plastic hose and assemblies - hydrostatic testing
SAE J517 - Dimensional and performance Specification

Specifications

Temperature Correction Factor													
-60	-40	-20	0	20	50	100	120	150	180	200	220	250	260
1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.93	0.93	.85	0.85	0.77	0.77	0.70

Part Number	Size	Tube Wall Thinkness	Outside Diameter	Min. Bend Radius	Max. Working Pressure		Min. Burst Pressure	
	inch	mm	mm	mm	kPa	bar	kPa	bar
PTFE-HP-06	1/4"	1.02	11.43	76	32000	320	128000	1280
PTFE-HP-06-H	1/4"	1.02	11.43	76	32000	320	128000	1280



Applications