PTFE Hose - PTFE-HPPT

High Pressure PTFE Thermoplastic Smoothbore

	Low	Med	High
Flexibility	○	●	○
Cycle Life	○	○	●
Pressure Rating	○	○	●
Chemical Resistance	○	○	●
Wall Thickness	○	○	●

Part No.: PTFE-HPPT
Construction: Smoothbore
Profile: High Flexibility / High Pressure
Tube Available: PTFE Virgin / Anti-static Inner Tube
Cover: Black Perforated Thermoplastic
Size Available: 1/4" - 13/32"
Temperature: -70°C +260°C
Sintered/Permeation: Slow Sintered (medium level of permeation)

Construction

Use:
High performance gas hose specially processed to minimise permeation applications. Aerosol, gas bottle, dehydration and breathing lines.
Standards:
USP Class VI compliance PTFE resin used in tubing,
FDA Approved, Accepted by the U.S. Coast Guard,
PTFE Perfluorocarbon Resins meets FDA 21 CFR 177.1550
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	Internal Diameter (mm)		Wall Thickness	Outside Diameter (mm)		Min. Bend Radius	Standard Max. Working Pressure		Min. Burst Pressure	
	inch	Min.	Max.	mm	Min.	Max.	mm	kPa	bar	kPa	bar
PTFE-HPPT-06	1/4"	6.35	6.86	1.02	9.65	10.67	76.2	55200	552	165500	1655
PTFE-HPPT-10	13/32"	10.03	10.54	1.02	13.84	14.86	133	31000	310	124000	1240

Applications