



# PTFE HOSE

## PTFE Hose - PTFE-HPPT

### High Pressure PTFE Thermoplastic Smoothbore

**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)

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

### Construction

**Use:**

High performance gas hose specially processed to minimise permeation applications. Aerosol, gas bottle, dehydration and breathing lines.

**Standards:**

- 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 (mm)	Outside Diameter (mm)		Min. Bend Radius (mm)	Standard Max. Working Pressure		Min. Burst Pressure	
		Min.	Max.		Min.	Max.		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

