

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)

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

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:

Part 1.PTFE-E.P.D.M 1.6.1.C.E.4_12

ISO 1402 – Rubber and plastic hose and assemblies – hydrostatic testing

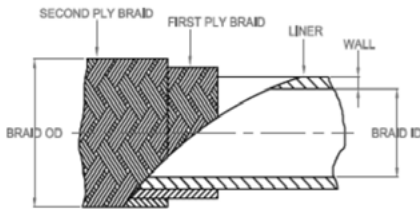
SAE J517 – Dimensional and performance Specification



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 Thickness	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

