

FLITEFLEX Hose Assembly

FLITEFLEX Hose Assembly

Part No.: FF-PTFE
Construction: Smoothbore
Profile: High Flexibility / High Pressure
Braid Available: 304 / 316 Stainless Steel, Optional Silicon firesleeve cover
Dash Size Available: 4 - 24
Temperature: -54°C to 204°C

	Low	Med	High
Flexibility	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
Cycle Life	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
Pressure Rating	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
Chemical Resistance	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
Wall Thickness	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>

Construction

The lightweight high pressure 3000 PSI (207 Bar) aerospace hose qualified to SAE AS1339. The hose consists of an extruded smoothbore PTFE innercore, reinforced with CRES 304 wire braid in a single layer on sizes -04 through -10, or a double layer on sizes -12 through -24.



The PTFE innercore is conductive and provides excellent chemical resistance through a temperature range of -54°C to +204°C with unlimited shelf life. The pre-tensioned braid gives the tightest bend radius of any metal braided high pressure PTFE hose.

The standard fitting material is Stainless Steel 316, but titanium is also available for weight savings. Fire protection per AS1055 Class A & B can be either integral or slip-on AS1072 firesleeve. Chafe sleeves are available in a variety of integral or slip-on materials.

Standards:

SAE AS1339
 TSO C75 Type IIIB-S/P-F
 AS1055 Type Class A & B, Integral and Slip-on Firesleeve

Specifications

Part Number	Size	Operating pressure bar	Internal Diameter (Min.) mm	Outside Diameter (mm)		Min. Bend Radius mm	Working Pressure bar	Room temp burst (Min.) bar	High temp burst (Min.) bar
	Dash			Min.	Max.				
FF-PTFE-4	4	207	5.4	9.1	9.9	38.1	414	1103	827
FF-PTFE-6	6	207	7.6	11.7	268	63.5	414	965	724
FF-PTFE-8	8	207	9.9	14.9	357	73	414	965	724
FF-PTFE-10	10	207	12.6	17.8	482	82.5	414	827	621
FF-PTFE-12	12	207	15.6	24.1	1036	98.5	414	827	621
FF-PTFE-16	16	207	21.6	31.2	1518	127	414	827	621
FF-PTFE-20	20	207	28	41.7	2753	304.8	414	827	621
FF-PTFE-24	24	207	34.5	48.3	2842	355.6	414	827	621

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PTFE HOSE