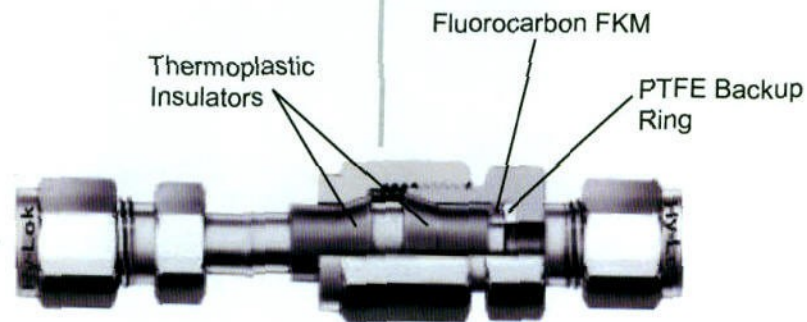


Hy-Lok Dielectric Fittings

Catalog No. 0003
Jul. 2004



Features

- 316 stainless steel for use in harsh environments
- Thermoplastic insulation
- Gageable Hy-Lok tube fittings or pipe thread end connections (NPT/BSP)



HY-LOK CORPORATION

Dielectric Fittings

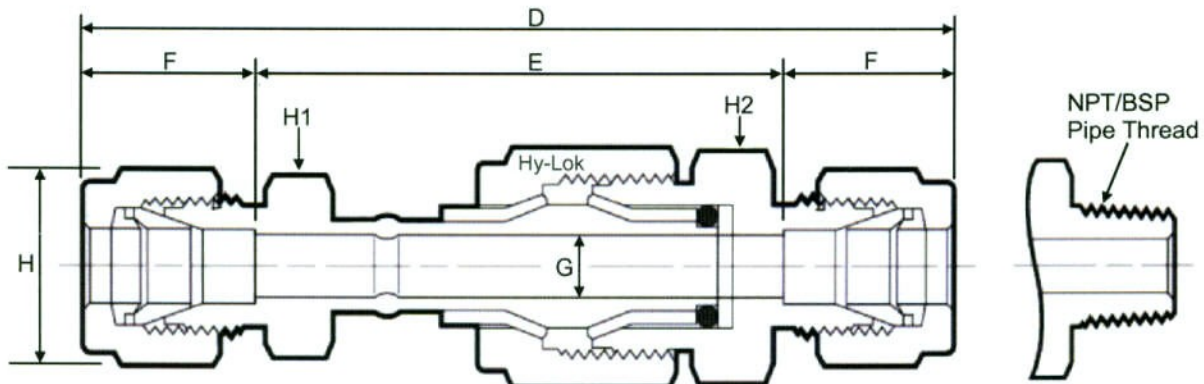


Table of Dimensions

End Connections			Ordering Number	Dimensions						
Type	Tube Size (in.)	Pipe Size (in.)		D	E	F	G, Minimum Opening	H, Hex Flat	H1, Hex Flat	H2, Hex Flat
Tube Fittings	1/4	—	CDF-4	3.77 (95.8)	2.57 (65.3)	0.60 (15.2)	0.19 (4.8)	9/16	1/2	13/16
	3/8	—	CDF-6	3.92 (99.6)	2.59 (65.8)	0.66 (18.8)		11/16	5/8	
	1/2	—	CDF-8	4.17 (106)	2.37 (60.2)	0.90 (22.9)		7/8	13/16	
	12mm	—	N/A	4.23 (107)	2.43 (61.7)			22mm		
Tube Fittings to Male NPT	3/8	1/4	CDFN-4H-4T	3.73 (94.7)	—	0.66 (16.8)		11/16	5/8	7/8

Technical Data

Electrical Resistance of Insulators @ 70 70°F (20°C)	10 x 10 ⁶ Ω at 10 V (dc)
Pressure Rating	5000 psig (344 bar)
Temperature Rating	-40 to 200°F (-40 to 93°C)

Materials of Construction

Body Materials	316 Stainless Steel
Insulator	Thermoplastic
Seal	70 durometer fluorocarbon FKM
Backup Ring	Virgin PTFE