Dielectric Fitting

Tylok Dielectric Fittings are insulated connections used to protect sensitive electrical components from electrical current potentially carried through tubing systems.

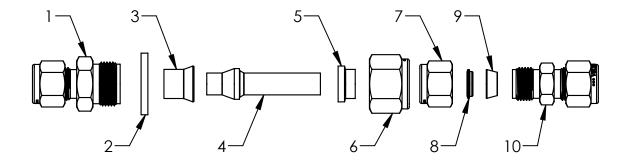
A typical application for a dielectric fitting is in the transmission of natural gas. The dielectric fitting insulates electric current flow that results from static electricity, ground currents, stray currents from instruments, etc.

Tylok dielectric fittings have a dielectric resistance above 10×10^7 Ohms at 10 Volts (dc) when at room temperature ($70^\circ\text{F} / 20^\circ\text{C}$).

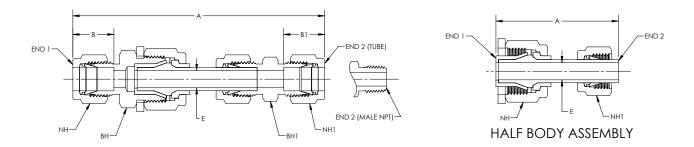
Specifications	6 Series	10 Series
Pressure Rating (room temperature)	5000 psig (344 bar)	3500 psig (241 bar)
Temperature Rating	-40 to 200 °F (-40 to 93 °C)	

ltem	Component	Materials
1	End 1	Stainless Steel
2	Stop Ring	Aluminum
3	Fitting Insulator	PEEK
4	Adapter	Stainless Steel
5	Nut Insulator	PEEK
6	Nut	Stainless Steel
7	CBC-Lok Nut	Stainless Steel
8	CBC-Lok Rear Collet	Stainless Steel
9	CBC-Lok Front Collet	Stainless Steel
10	End 2	Stainless Steel





Dielectric Fitting



Part Number	End 1	End 2
SS-6-6D-8-DE*	1/2" Tube Port Insulator	3/8" CBC-Lok Tube Adapter
SS-4-6DU-4-DE	1/4" CBC-Lok	1/4" CBC-Lok
SS-4-6SU-4-DE	1/4" CS-Lok	1/4" CS-Lok
SS-6-6DU-6-DE	3/8" CBC-Lok	3/8" CBC-Lok
SS-6-6SU-6-DE	3/8" CS-Lok	3/8" CS-Lok
SS-8-6DU-8-DE	1/2" CBC-Lok	1/2" CBC-Lok
SS-8-6SU-8-DE	1/2" CS-Lok	1/2" CS-Lok
SS-4-6DMC-4-DE	1/4" CBC-Lok	1/4" CBC-Lok
SS-4-6SMC-4-DE	1/4" CS-Lok	1/4" CS-Lok
SS-6-6DMC-4-DE	3/8" CBC-Lok	1/4" CBC-Lok
SS-6-6SMC-4-DE	3/8" CS-Lok	1/4" CS-Lok
SS-6-6DMC-6-DE	3/8" CBC-Lok	3/8" CBC-Lok
SS-6-6SMC-6-DE	3/8" CS-Lok	3/8" CS-Lok
SS-8-6DMC-6-DE	1/2" CBC-Lok	3/8" CBC-Lok
SS-8-6SMC-6-DE	1/2" CS-Lok	3/8" CS-Lok
SS-8-8D-12-DE*	3/4" Tube Port Insulator	1/2" CBC-Lok Tube Adapter

^{*}Half Body Assemblies

How To Order

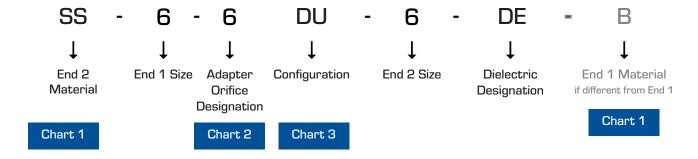


Chart 1- Material	
В	Brass
SS	Stainless Steel

Chart 2 - Adapter Orifice Designation	
Size 6	0.28"
Size 8	0.38"

Note: Adapter component only
available in Stainless Steel

Chart 3 - Configuration		
DU	Union	
DRU	Reducing Union	
DELU	Union Elbow	
DMC	Male Connector	
DME	Male Elbow	
DFC	Female Connector	
DFE	Female Elbow	