

	DIMENSIONS IN INCHES T-571									
	F.I.P. x S.								M.I.P. x S.	
	Size	1/2"	3/4"	3/4 x 1/3"	1"	1-1/4"	1-1/2"	2"	3/4"	3/4" x 1/2"
	A	1.84	2.07	1.86	2.27	2.48	2.53	2.70	2.93	2.78
	B	1.44	1.63	1.63	1.88	2.26	2.62	3.51	1.63	1.63
	Size	2-1/2"	3"	4"						
	A	3.63	3.75	4.25						
	B	6.33	6.75	10.13						

Material Specification	
Part	Materials
I.P.S. Connection	Forged Steel
Nut	Forged Steel
Sloder Connection	Brass
Gasket	EPDM
Insert	ABS

1. Body                   AISI 1008 A
2. Nut                     AISI 1008 A
3. Rubber Gasket       NBR/EPDM
4. Insulator             ABS
5. Ferrule                Bronze

**PURPOSE**

The 110 series are used to protect against the accelerated galvanic and stray current corrosion of dissimilar metal pipes, connected together in a piping system. Dielectric fittings are a necessity to insure the long life of these systems.

**APPLICATIONS**

For residential, commercial and industrial use  
 Hot water storage tanks   Water and air conditioners   Processing tanks

**PROCESSING**

Bodies and nuts are made of ANSI 1008A bar-carbon steel and are shaped by cold forging with spheroidizing to eliminate any flaws.

**TECHNICAL DATA**

All DF-100 series dielectric fittings are rated at 250 psi at 180°F and are designed to withstand a minimum of 600 volts on a dry line with no flashover.

**Note: These ratings may vary according to other system variables.**

**DIELECTRIC UNIONS  
 SWEAT TO STEEL IPS**

- Forged steel with brass sweat connector and dielectric element.
- Designed to meet ANSI B16.39



Part #	Description	Box	Case	List Price
973-110	1/2 CC x 1/2 FIP	12	144	8.05
973-111	3/4 CC x 3/4 FIP	12	144	9.26
973-112	1/2 CC x 3/4 FIP	12	144	10.87
973-116	1 CC x 1 FIP	12	120	16.10
973-117	1-1/4 CC x 1-1/4 FIP	6	48	24.15
973-118	1-1/2 CC x 1-1/2 FIP	6	48	32.20



Part #	Description	Box	Case	List Price
973-113	1/2 CC x 1/2 Male IP	12	144	8.05
973-115	3/4 CC x 3/4 Male IP	12	14	9.26

WASHERS AVAILABLE UPON REQUEST

**Dielectric Nipples**

**DIELECTRIC NIPPLE WITH THERMO  
 PLASTIC WATERWAY**

- IAPMO/UPC Listed
- Meets the requirements of ASTM Std. F-492



NSF/FDA  
 Listed Lining

Part #	Description	Box	Case	List Price
973-153	3/4" x 3"	25	100	3.85

We strongly recommend the use of steam rated gaskets on hydronic heating systems where temperature may exceed 180°.

**PLBG  
 ACCESSORIES**

