

FIG. 7088, 7089 & 7090

Di-Electric Pipe Connection

The Fig 7088, 7089, & 7090 di-electric nipple inhibits the formation of galvanic corrosion between dissimilar piping metals. The di-electric nipples offer a variety of connections from thread to thread, thread to groove, or groove to groove all for IPS pipe sizes.

The di-electric fittings are designed to meet ASTM F 492 for continuous use at temperatures from -40°F to 230°F (-40°C to 110°C) and pressures up to 300 psi (20.7 bar). The di-electric pipe connections will achieve a dielectric waterway in potable water and appropriate HVAC applications.

MATERIAL SPECIFICATIONS

HOUSING: Steel Tube to ASTM A 513, Zinc Plated

LINER: Polypropylene

THREADS: ASME B1.20.1

GROOVES: Gruvlok Cut Groove Dimensions (Refer to Technical Data Section of the Gruvlok Catalog)

INSTALLATION & ASSEMBLY: For installation and assembly of grooved-end connections, see "Fig. 7400 Gruvlok Rigidlite Coupling" and "Fig. 7012 Gruvlok Flange".

FIGURE 7088, 7089 & 7090 DI-ELECTRIC NIPPLES								
Nom. IPS Pipe Size	O.D.	Max Working Pressure	Fig. 7088 Thread x Groove		Fig. 7089 Groove x Groove		Fig. 7090 Thread x Thread	
			E to E	Approx. Wt. Ea.	E to E	Approx. Wt. Ea.	E to E	Approx. Wt. Ea.
NIPS/DN	In./mm	PSI/bar	In./mm	Lbs./Kg	In./mm	Lbs./Kg	In./mm	Lbs./Kg
1/2	0.840	300	-	-	-	-	3	0.20
15	21.3	20.7	-	-	-	-	76.2	0.1
3/4	1.050	300	-	-	-	-	3	0.20
20	26.7	20.7	-	-	-	-	76.2	0.1
1	1.315	300	4	0.30	-	-	4	0.30
25	33.7	20.7	101.6	0.1	-	-	101.6	0.1
1 1/4	1.660	300	4	0.60	-	-	4	0.60
32	42.4	20.7	101.6	0.3	-	-	101.6	0.3
1 1/2	1.900	300	4	0.80	-	-	4	0.80
40	48.3	20.7	101.6	0.4	-	-	101.6	0.4
2	2.375	300	4	1.00	4	1.00	4	1.00
50	60.3	20.7	101.6	0.5	101.6	0.5	101.6	0.5
2 1/2	2.875	300	6	1.60	6	1.60	6	1.60
65	73.0	20.7	152.4	0.7	152.4	0.7	152.4	0.7
3	3.500	300	6	2.00	6	2.00	6	2.00
80	88.9	20.7	152.4	0.9	152.4	0.9	152.4	0.9
4	4.500	300	6	4.50	6	4.50	-	-
100	114.3	20.7	152.4	2.0	152.4	2.0	-	-

Figure 7088 available in Nominal Pipe Sizes 1" through 4" only.

Figure 7089 available in Nominal Pipe Sizes 2" through 4" only.

Figure 7090 available in Nominal Pipe Sizes 1/2" through 3" only.

FIG. 7088 - Groove by Thread

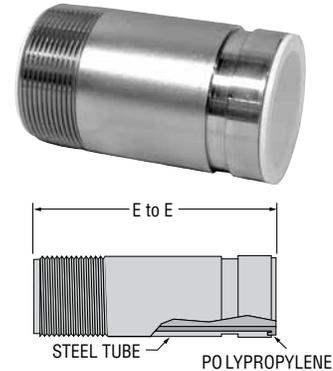


FIG. 7089 - Groove by Groove

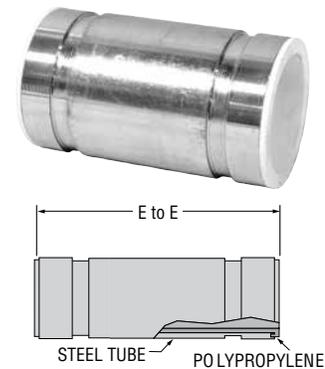
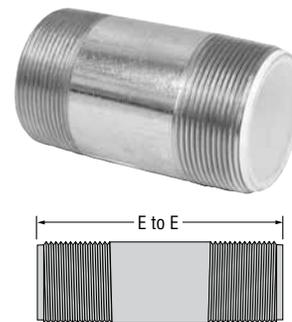


FIG. 7090 - Thread by Thread



PROJECT INFORMATION		APPROVAL STAMP	
Project:		<input type="checkbox"/> Approved	
Address:		<input type="checkbox"/> Approved as noted	
Contractor:		<input type="checkbox"/> Not approved	
Engineer:		Remarks:	
Submittal Date:			
Notes 1:			
Notes 2:			