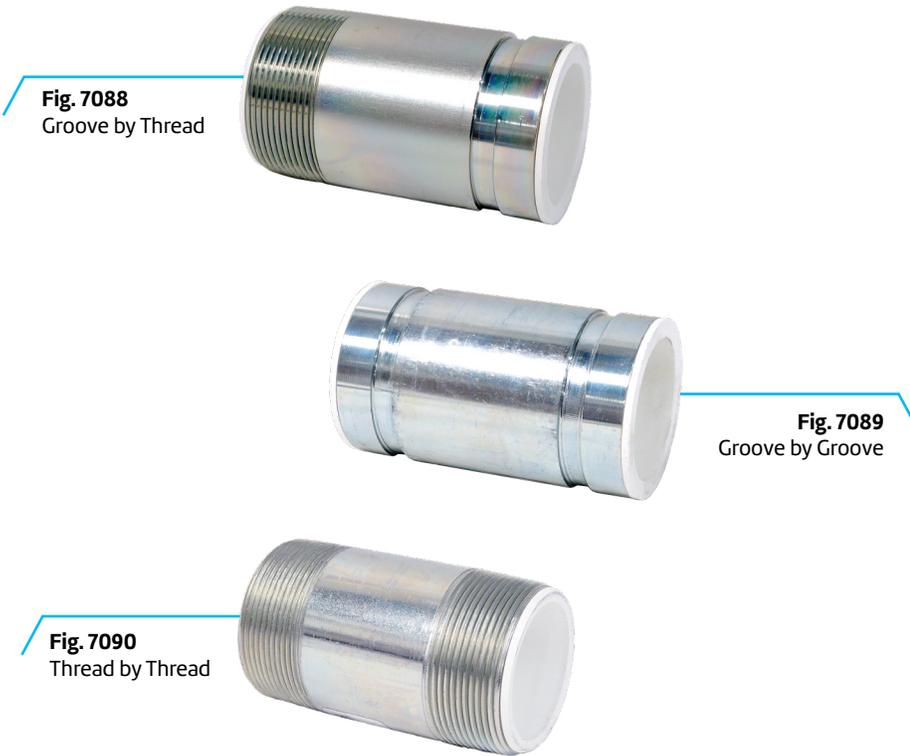


Fig. 7088 Fig. 7089 Fig. 7090
Di-Electric Pipe Connection



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”

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.



PROJECT INFORMATION	APPROVAL STAMP
Project:	Approved
Address:	Approved as noted
Contractor:	Not approved
Engineer:	Remarks:
Submittal Date:	
Notes 1:	
Notes 2:	

Fig. 7088
Groove by Thread

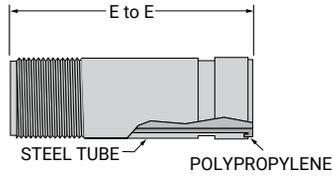


Fig. 7089
Groove by Groove

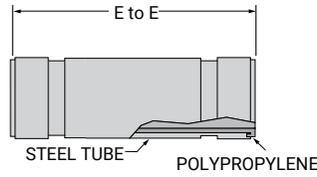
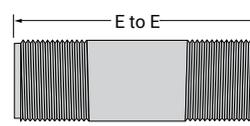


Fig. 7090
Thread by Thread



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 15	0.840 21.3	300 20.7	- -	- -	- -	- -	3 76.2	0.20 0.1
3/4 20	1.050 26.7	300 20.7	- -	- -	- -	- -	3 76.2	0.20 0.1
1 25	1.315 33.7	300 20.7	4 101.6	0.30 0.1	- -	- -	4 101.6	0.30 0.1
1 1/4 32	1.660 42.4	300 20.7	4 101.6	0.60 0.3	- -	- -	4 101.6	0.60 0.3
1 1/2 40	1.900 48.3	300 20.7	4 101.6	0.80 0.4	- -	- -	4 101.6	0.80 0.4
2 50	2.375 60.3	300 20.7	4 101.6	1.00 0.5	4 101.6	1.00 0.5	4 101.6	1.00 0.5
2 1/2 65	2.875 73.0	300 20.7	6 152.4	1.60 0.7	6 152.4	1.60 0.7	6 152.4	01.6 0.7
3 80	3.500 88.9	300 20.7	6 152.4	2.00 0.9	6 152.4	2.00 0.9	6 152.4	2.00 0.9
4 100	4.500 114.3	300 20.7	6 152.4	4.50 2.0	6 152.4	4.50 2	- -	- -

Notes:

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.



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