

Central Grooved Piping Products

ClearFlow[®] Dielectric Waterway Fittings

Figure 407

Supplied by: Central Grooved Piping Products
a Subsidiary of Central Sprinkler Company
451 North Cannon Avenue, Lansdale, Pennsylvania 19446
Phone (215) 362-0700 Fax (215) 362-5385



Product Description

ClearFlow fittings protect plumbing systems through an innovative steel - to - plastic design that establishes a dielectric waterway. The ClearFlow line of dielectric fittings separates dissimilar metals in the electrolyte (waterway) eliminating the local galvanic cell.

ClearFlow's metal - to - metal joint design maintains external electrical continuity, thereby preventing stray current corrosion. This feature is critical when stray current is present due to intentional or non-intentional grounding of direct current (DC) sources, such as phone systems and appliances.

ClearFlow[®] fittings meet the requirements of ASTM standard F-492 for continuous use at temperatures up to +230°F (+110°C).



Technical Data

Figure: 407

Style:

Thread x Thread or Grooved x Thread

Sizes:

1/2" - 4"

Maximum Working Pressure:

300 psi, 2065 kPa

Approvals:

IAPMO/UPC

Manufacturing Source:

Domestic

Casing:

Steel, Zinc Plated

Note: Never remove any piping component without verifying that the system is depressurized and drained.



Ordering Information

Ordering Information: When placing an order, indicate the full product name. Please specify the quantity, figure number, size, and style.

Availability and Service: Central Grooved Piping Products are available throughout the U.S., Canada, and internationally, through a network of Central distribution centers. You may write directly to Central, or call (215) 362-0700 for the distributor nearest you.

Warranty: Central will repair and/or replace any products found to be defective in material or workmanship within a period of one year from the date of shipment. Please refer to the current price list for further details of the warranty.

ClearFlow[®] is a registered Trademark of Perfection Corporation.

Dimensions

Threaded x Threaded

Pipe		Dimension End to End Inches <i>mm</i>	Approx. Weight Lbs. <i>Kg.</i>
Size	O.D. Inches <i>mm</i>		
1/2"	0.840	3	0.2
	16.7	76	0.1
3/4"	1.500	3	0.2
	26.8	76	0.1
1"	1.315	4	0.3
	33.4	102	0.2
1 1/4"	1.660	4	0.3
	42.4	102	0.2
1 1/2"	1.900	4	0.8
	48.3	102	0.3
2"	2.375	4	0.8
	60.3	102	0.3
2 1/2"	2.875	6	1.6
	73.0	152	0.7
3"	3.500	6	2.0
	88.9	152	0.9
3 1/2"	4.000	6	2.3
	101.6	152	1.1
4"	4.500	6	4.5
	114.3	152	2.0

Grooved x Threaded

Pipe		Dimension End to End Inches <i>mm</i>	Approx. Weight Lbs. <i>Kg.</i>
Size	O.D. Inches <i>mm</i>		
1"	1.315	4	0.3
	33.4	102	0.2
1 1/4"	1.660	4	0.6
	42.4	102	0.3
1 1/2"	1.900	4	0.8
	48.3	102	0.3
2"	2.375	4	1.0
	60.3	102	0.5
2 1/2"	2.875	6	1.6
	73.0	152	7.0
3"	3.500	6	2.0
	88.9	152	0.9
3 1/2"	4.000	6	2.3
	101.6	152	1.1
4"	4.500	6	4.5
	114.3	152	2.0

Test Data/Results and Listings:

Test data provided by Pittsburgh Testing Laboratory can be provided upon request. The corrosion protection effects of ClearFlow type fittings have been proven in millions of water heaters. ClearFlow® has been supplying these fittings worldwide to water heater manufacturers for more than 20 years.

