



Figures 407GT and 407T Dielectric Waterway Fittings

General Description

Figure 407GT and Figure 407T CLEARFLOW Dielectric Waterway Fittings (Figure 1) protect plumbing systems through an innovative steel-to-plastic design that establishes a dielectric waterway. These dielectric fittings separate dissimilar metals in the electrolyte (waterway) eliminating the local galvanic cell.

The 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 grounding of direct current (DC) sources, such as phone systems and appliances.

NOTICE

Never remove any piping component nor correct or modify any piping deficiencies without first de-pressurizing and draining the system. Failure to do so may result in serious personal injury, property damage, and/or impaired device performance.

It is the designer's responsibility to select products suitable for the intended service and to ensure that pressure ratings and performance data are not exceeded. Material and gasket selection should be verified for compatibility with the specific application. Always read and understand the installation instructions.

Figure 407GT and 407T CLEARFLOW Dielectric Waterway Fittings described herein must be installed and maintained in compliance with this document, in addition to the standards of any authorities having jurisdiction. Failure to do so may result in serious personal injury or impair the performance of these devices.

The owner is responsible for maintaining their mechanical system and devices in proper operating condition. Contact the installing contractor or product manufacturer with any questions.

Technical Data

Approvals

IAPMO UPC Certified
Certified to all requirements of NSF/ANSI 61

Pressure Ratings

Up to 300 psi (20,7 bar)

Temperature Ratings

CLEARFLOW dielectric fittings meet the requirements of ASTM Standard F492 for continuous use at temperatures up to 230°F (110°C).

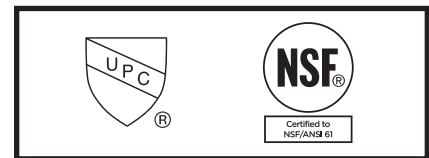
For CLEARFLOW only - Test Data/Results and Listings Data by Pittsburgh Testing Laboratory can be provided upon request.

Additional test data/results by Professional Services Industries, Inc. can be provided upon request.

Ordering Procedure

GRINNELL Products are available globally through a network of distribution centers. For the nearest distributor visit www.grinnell.com.

When placing an order, indicate the full product name, quantity, and size.



For warranty terms and conditions, visit www.grinnell.com

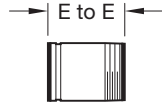


FIGURE 407GT
GROOVE x MALE THREAD

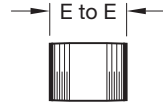


FIGURE 407T
MALE THREAD x THREAD

Nominal Pipe Size		407GT Grooved x Male Thread		407T Male Thread x Male Thread	
ANSI Inches DN	Pipe O.D. Inches mm	Nominal E to E Inches mm	Approx. Weight Lbs. kg	Nominal E to E Inches mm	Approx. Weight Lbs. kg
1/2 15	0.840 21,3	—	—	3.0 76,2	0.2 0,1
3/4 20	1.050 26,7	—	—	3.0 76,2	0.2 0,1
1 25	1.315 33,7	4.0 101,6	0.3 0,1	4.0 101,6	0.3 0,1
1-1/4 32	1.660 42,4	4.0 101,6	0.6 0,3	4.0 101,6	0.6 0,3
1-1/2 40	1.900 48,3	4.0 101,6	0.8 0,4	4.0 101,6	0.8 0,4
2 50	2.375 60,3	4.0 101,6	1.0 0,5	4.0 101,6	1.0 0,5
2-1/2 65	2.875 73,0	6.0 152,4	1.6 0,7	6.0 152,4	1.6 0,7
3 80	3.500 88,9	6.0 152,4	2.0 0,9	6.0 152,4	2.0 0,9
3-1/2 90	4.000 101,6	6.0 152,4	2.3 1,0	6.0 152,4	2.3 1,0
4 100	4.500 114,3	6.0 152,4	4.5 2,0	6.0 152,4	4.5 2,0

FIGURE 1
FIGURES 407GT AND 407T CLEARFLOW DIELECTRIC WATERWAY FITTINGS
NOMINAL DIMENSIONS