

## For Residential and Commercial Applications

Job Name \_\_\_\_\_  
 Job Location \_\_\_\_\_  
 Engineer \_\_\_\_\_  
 Approval \_\_\_\_\_

Contractor \_\_\_\_\_  
 Approval \_\_\_\_\_  
 Contractor's P.O. No. \_\_\_\_\_  
 Representative \_\_\_\_\_

# LEAD FREE\*

## Series LF4001E Dielectric Unions

**Sizes 1/2" – 2" (15 – 50mm)**

Series LF4001E Dielectric Unions feature a female iron pipe thread to solder connection. Compliant to American Society of Sanitary Engineers ASSE Standard 1079-2005. These unions are designed to be installed between pipe made from dissimilar metals to prevent accelerated corrosion and deterioration in the piping system due to galvanic and stray current.

### Features

- Female iron pipe thread to solder connection
- Designed and manufactured to the highest quality standards
- Individually factory certified to withstand a minimum of 600 volts on a dry line with no flashover
- Rated to 180°F (82°C) at 250psi (17.2 bar)

### Specifications

A dielectric union shall be installed where indicated on the plans. The union shall feature a female iron pipe thread to solder connection. The union shall be a Watts Series LF4001E compliant with ASSE Standard #1079-2005.

### Materials

Gray Iron	ASTM A48-83
Malleable Iron Parts	ASTM A-197-79
Steel Parts	ASTM A108
Brass Parts	ASTM B371/B371M, ASTM B505
Zinc Parts	ASTM B633-85
Gasket	EPDM



LF4001E

### Standards

Complies with Buy America Act (BAA 1933) and The American Recovery and Reinvestment Act (ARRA 2009).

Meets American Society of Sanitary Engineers ASSE Standard 1079-2005.

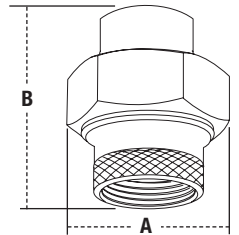
Meets federal specifications for tensile strength and thread end connections

### Pressure — Temperature

**Maximum Pressure:** 250psi (17.2 bar)

**Maximum Temperature:** 180°F (82°C)

### Dimensions — Weights



SIZE (DN)		DIMENSIONS				WEIGHT	
		A		B			
in.	mm	in.	mm	in.	mm	oz.	gm.
1/2	15	1 5/8	41	1 3/4	44	5.6	160
3/4	20	1 7/8	48	1 7/8	48	7.0	200
1	25	2 3/16	55	2 1/8	54	9.5	270
1 1/4	32	2 5/8	67	2 3/8	60	14.0	400
1 1/2	40	3	76	2 7/16	62	21.7	620
2	50	3 3/4	95	3	76	38.5	1100

\*The wetted surface of this product contacted by consumable water contains less than one quarter of one percent (0.25%) of lead by weight.

Watts product specifications in U.S. customary units and metric are approximate and are provided for reference only. For precise measurements, please contact Watts Technical Service. Watts reserves the right to change or modify product design, construction, specifications, or materials without prior notice and without incurring any obligation to make such changes and modifications on Watts products previously or subsequently sold.

ISO 9001-2008  
CERTIFIED



USA: No. Andover, MA • Tel: (978) 688-1811 • Fax: (978) 794-1848 • www.watts.com  
 Canada: Burlington, ON • Tel: (905) 332-4090 • Fax: (905) 332-7068 • www.wattscanada.ca

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