

## For Residential and Commercial Applications

Job Name \_\_\_\_\_

Contractor \_\_\_\_\_

Job Location \_\_\_\_\_

Approval \_\_\_\_\_

Engineer \_\_\_\_\_

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

Approval \_\_\_\_\_

Representative \_\_\_\_\_

# LEAD FREE\*

## Series LF4001E Dielectric Unions

### Sizes 1/2" – 2"

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.



LF4001E

### Standards

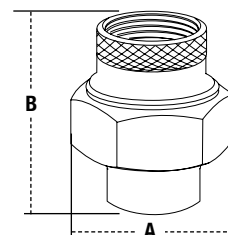
Complies with Buy America Act (BAA 1933) and The American Recovery and Reinvestment Act (ARRA 2009).

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

### Pressure — Temperature

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

**Maximum Temperature:** 180°F (82°C)



### Materials — Dimensions — Weights

SIZE	MATERIALS					DIMENSIONS				WEIGHT	
	TAIL PIECE	ADAPTER †	NUT †	INSULATOR	GASKET	A		B		oz.	gm.
in.						in.	mm	in.	mm		
1/2	Lead Free Brass	Steel	Steel	Polysulfone	EPDM	1 5/8	41	1 3/4	44	4.8	136
3/4	Lead Free Brass	Steel	Steel	Polysulfone	EPDM	1 7/8	48	1 7/8	48	6.4	181
1	Lead Free Brass	Steel	Steel	Polysulfone	EPDM	2 3/16	55	2 1/8	54	8.8	249
1 1/4	Lead Free Brass	Steel	Steel	Polysulfone	EPDM	2 5/8	67	2 3/8	60	12.8	363
1 1/2	Lead Free Brass	Steel	Malleable Iron	Polysulfone	EPDM	3	76	2 7/16	62	20.8	590
2	Lead Free Brass	Steel	Malleable Iron	Polysulfone	EPDM	3 3/4	95	3	76	37.6	1066

† Steel and malleable iron components are zinc plated

\*The wetted surface of this product contacted by consumable water contains less than 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**



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