

## For Residential and Commercial Applications

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

Contractor \_\_\_\_\_

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

Approval \_\_\_\_\_

Engineer \_\_\_\_\_

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

Approval \_\_\_\_\_

Representative \_\_\_\_\_

# Series 4001E

## Dielectric Unions

### Sizes 1/2" – 2" (15 – 50mm)

Series 4001E Dielectric Unions feature a female iron pipe thread to solder connection. Compliant to American Society of Sanitary Engineering 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 4001E 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 B-16
Bronze Parts	ASTM B-584
Zinc Parts	ASTM B633-85
Gasket	EPDM



### Standards

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

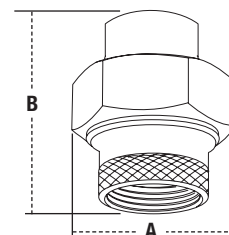
Meets federal specifications for tensile strength and thread end connections

### Pressure – Temperature

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

**Maximum Temperature:** 180°F (82°C)

### Dimensions – Weights



SIZE (DN)		DIMENSIONS				WEIGHT	
in.	mm	A		B		oz.	gm.
		in.	mm	in.	mm		
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

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.

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