

For Residential and Commercial Applications

Job Name _____

Contractor _____

Job Location _____

Approval _____

Engineer _____

Contractor's P.O. No. _____

Approval _____

Representative _____

LEAD FREE*

Series LF3002

Dielectric Unions

**Sizes: $1/2" \times 3/8" - 1" \times 3/4"$
(15 x 10mm - 25 x 20mm)**

Series LF3002 dielectric unions feature a female iron pipe thread to reduced solder connection. 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. The LF3002 features Lead Free* construction to comply with Lead Free* installation requirements.

Features

- Female iron pipe thread to reduced 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 reduced solder connection. The dielectric union shall be constructed using Lead Free* materials. Lead Free* dielectric unions shall comply with state codes and standards, where applicable, requiring reduced lead content. The dielectric union shall be a Watts Series LF3002.

Materials — Dimensions — Weights

| SIZE in. mm | MATERIALS | | | | | DIMENSIONS | | | | WEIGHT | |
|--------------------------|-----------------|-----------|-------|-------------|--------|----------------|----|----------------|----|--------|-----|
| | TAIL PIECE | ADAPTER † | NUT † | INSULATOR | GASKET | in. | mm | in. | mm | oz. | gm. |
| $1/2 \times 3/8$ 15 x 10 | Lead Free Brass | Steel | Steel | Polysulfone | Buna-N | $1\frac{1}{2}$ | 38 | $1\frac{1}{8}$ | 48 | 5.8 | 164 |
| $3/4 \times 1/2$ 20 x 15 | Lead Free Brass | Steel | Steel | Polysulfone | Buna-N | $1\frac{5}{8}$ | 41 | $1\frac{1}{8}$ | 48 | 7.2 | 204 |
| $1 \times 3/4$ 25 x 20 | Lead Free Brass | Steel | Steel | Polysulfone | Buna-N | $2\frac{7}{8}$ | 48 | $2\frac{1}{2}$ | 64 | 10.1 | 286 |

† Steel adapter and nut are zinc plated



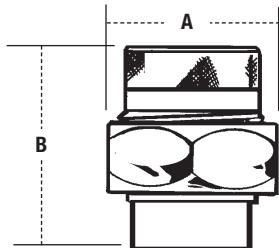
Standards

Meet federal specifications for tensile strength and thread end connections

Pressure — Temperature

Maximum Pressure: 250psi (17.2 bar)

Maximum Temperature: 180°F (82°C)



*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.



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