

Engineering Specification

Job Name _____

Contractor _____

Job Location _____

Approval _____

Engineer _____

Contractor's P.O. No. _____

Approval _____

Representative _____

LEAD FREE*

Series LF3006 Dielectric Unions

Sizes: 1/2" – 2"

Series LF3006 Dielectric Unions feature a female iron pipe thread to female iron pipe thread (black). 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 LF3006 features Lead Free* construction to comply with Lead Free* installation requirements.

Features

- Female iron pipe thread to female iron pipe thread (black)
- Designed and manufactured to the highest quality standards
- Factory audit tested to confirm 600V dry line performance without flashover
- Rated to 180°F (82°C) at 250psi (17.2 bar)

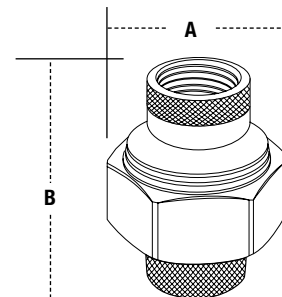
Options

GB Optional EPDM gasket for use in steam or hot water applications up to 300F.

Materials — Dimensions — Weights

Call customer service if you need assistance with technical details.

LF3006



Specifications

A dielectric union shall be installed where indicated on the plans. The union shall feature a female iron pipe thread to female iron pipe thread (black). The dielectric union shall be constructed using Lead Free* materials. Inquire with governing authorities for local installation requirements. The union shall be a Watts Series LF3006.

Standards

Meets federal specifications for tensile strength and thread end connections

Pressure — Temperature

Maximum Pressure: 250psi (17.2 bar)
 Maximum Temperature: 180°F (82°C)
 cations up to 300F.

| SIZE | | MATERIALS | | | | | DIMENSIONS | | | | WEIGHT | |
|-------|----|----------------|----------------|----------------|-------------|-----------|------------|-----|-------|----|--------|------|
| in. | mm | TAIL PIECE | ADAPTER † | NUT † | INSULATOR | GASKET ** | A | | B | | oz. | gm |
| | | | | | | | in. | mm | in. | mm | | |
| 1/2 | 15 | Steel | Steel | Steel | Polysulfone | Buna-N | 1 1/8 | 41 | 2 1/4 | 57 | 7.7 | 218 |
| 3/4 | 20 | Steel | Steel | Steel | Polysulfone | Buna-N | 1 7/8 | 48 | 2 1/4 | 57 | 11 | 312 |
| 1 | 25 | Steel | Steel | Steel | Polysulfone | Buna-N | 2 1/4 | 58 | 2 1/2 | 64 | 11 | 312 |
| 1 1/4 | 32 | Steel | Steel | Steel | Polysulfone | Buna-N | 2 3/4 | 70 | 2 3/4 | 70 | 23.4 | 663 |
| 1 1/2 | 40 | Malleable Iron | Malleable Iron | Malleable Iron | Polysulfone | Buna-N | 3 1/2 | 89 | 2 3/4 | 70 | 43.4 | 1230 |
| 2 | 50 | Malleable Iron | Malleable Iron | Malleable Iron | Polysulfone | Buna-N | 4 1/8 | 105 | 3 1/8 | 79 | 43.4 | 1230 |

† Steel and malleable iron components are zinc plated

** Optional Gasket B (GB)- EPDM Gasket for use in steam or hot water applications up to 300°F (149°C) at 50 psi (3.4 bar)

NOTICE

The information contained herein is not intended to replace the full product installation and safety information available or the experience of a trained product installer. You are required to thoroughly read all installation instructions and product safety information before beginning the installation of this product.

NOTICE

Inquire with governing authorities for local installation requirements

*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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