

For Residential and Commercial Applications

Job Name _____

Contractor _____

Job Location _____

Approval _____

Engineer _____

Contractor's P.O. No. _____

Approval _____

Representative _____

LEAD FREE*

Series LF3005A Dielectric Unions

Sizes: 1/2" – 3/4" (15 – 20mm)

Series LF3005 dielectric unions feature a male iron pipe thread to 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. Designed and manufactured to the highest quality standards. Gasket rated to 210°F (99°) at 250psi (17.2 bar). The LF3005A features Lead Free* construction to comply with Lead Free* installation requirements.

Features

- Male 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

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 LF3005A.

Materials

Steel Parts	ASTM A108
Brass Parts	ASTM B371
Zinc Plating	ASTM B633-85
Standard Gasket A	Buna-N
Optional Gasket B	EPDM

Options

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



LF3005A

Standards

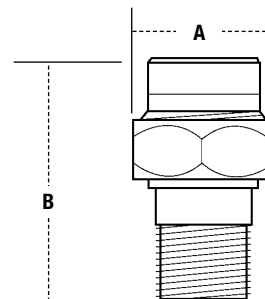
Meet federal specifications for tensile strength and thread end connections

Pressure – Temperature

Maximum Pressure: 250psi (17.2 bar)

Maximum Temperature: 180°F (82°C)

Dimensions – Weights



SIZE (DN)		DIMENSIONS				WEIGHT	
in.	mm	in.	mm	in.	mm	oz.	gm.
1/2	15	1 1/2	38	2 5/8	67	13.3	377
3/4	20	1 5/8	41	3	76	8.6	244

*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.



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