

For Residential and Commercial Applications

Job Name _____
 Job Location _____
 Engineer _____
 Approval _____

Contractor _____
 Approval _____
 Contractor's P.O. No. _____
 Representative _____

LEAD FREE*

Series LF3100
Dielectric Flanged Pipe Fittings

Sizes: 2" – 4" (50 – 100mm)

Series LF3100 dielectric unions feature an iron pipe thread by copper solder joint. These fittings 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 LF3100 features Lead Free* construction to comply with Lead Free* installation requirements.

Features

- Iron pipe thread to copper solder joint
- Designed and manufactured to the highest quality standards
- Rated to at 175psi (12.1 bar) and conform to ANSI B16.42 standards

Specifications

The dielectric fittings shall be constructed using Lead Free* materials. Lead Free* dielectric fittings shall comply with state codes and standards, where applicable, requiring reduced lead content. The dielectric union shall be a Watts Series LF3100.

Materials

Gray Iron	ASTM A48
Steel Parts	ASTM A108
Brass Parts	ASTM B-584
Zinc Coatings	ASTM B633
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).



LF3100

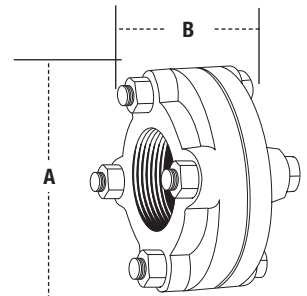
Standards

Meet federal specifications for tensile strength and thread end connections

Pressure – Temperature

Maximum Pressure: 175psi (12.1 bar)
 Maximum Temperature: 180°F (82°C)

Dimensions – Weights



SIZE (DN)		DIMENSIONS				WEIGHT	
in.	mm	A		B		lbs.	kgs.
		in.	mm	in.	mm		
2	50	5 1/8	130	3 1/4	83	8	3.6
2 1/2	65	5 7/8	149	3 1/2	89	12	5.4
3	80	6 3/4	171	3 3/4	95	14	6.4
4	100	9 1/8	232	4 3/8	111	30	13.6

*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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