

For Residential and Commercial Applications

Job Name _____

Contractor _____

Job Location _____

Approval _____

Engineer _____

Contractor's P.O. No. _____

Approval _____

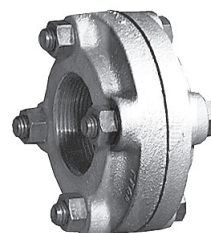
Representative _____

Series 3100

Dielectric Flanged Pipe Fittings

Sizes: 2" – 4" (15 – 100mm)

Series 3100 Dielectric Flanged Pipe Fittings feature an iron pipe thread to 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.



3100

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

A dielectric fitting shall be installed where indicated on the plans. The fitting shall feature an iron pipe thread to copper solder joint. The fitting shall be a Watts Regulator Company Series 3100.

Materials

| | |
|----------------------|------------|
| Gray Iron | ASTM A48 |
| Malleable Iron Parts | ASTM A-197 |
| Steel Parts | ASTM A108 |
| Brass Parts | ASTM B-16 |
| Bronze 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).

Standards

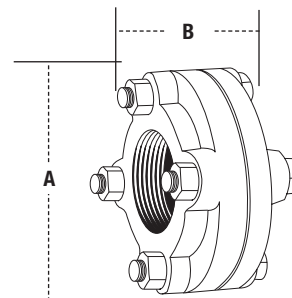
Meet federal specifications for tensile strength and thread end connections

Pressure — Temperature

Maximum Pressure: 175psi (12.1 bar)

Maximum Temperature: 180°F (82°C)

Dimensions — Weights



| SIZE (DN) | | DIMENSIONS | | | | WEIGHT | |
|-----------|-----|------------|-----|-------|-----|--------|------|
| | | A | | B | | | |
| in. | mm | in. | mm | in. | mm | lbs. | kgs. |
| 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 |

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ES-3100 0805



Water Safety & Flow Control Products

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