

# 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.

### 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

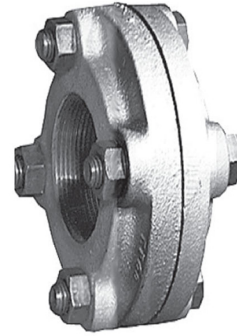
A dielectric fitting shall be installed where indicated on the plans. The fitting shall feature an iron pipe thread to copper solder joint. The fitting shall be a Watts Regulator Company Series 3100.

### 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).



3100

### Standards

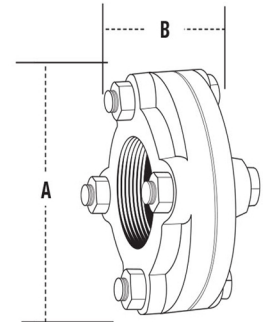
Meet federal specifications for tensile strength and thread end connections

### Pressure – Temperature

Maximum Pressure: 175psi (12.1 bar)

Maximum Temperature: 180°F (82°C)

### Dimensions – Weights



SIZE (DN)		DIMENSIONS				WEIGHT	
		A		B			
<i>in.</i>	<i>mm</i>	<i>in.</i>	<i>mm</i>	<i>in.</i>	<i>mm</i>	<i>lbs.</i>	<i>kgs.</i>
2	50	5/8	130	3/4	83	8	3.6
2½	65	5/8	149	3/2	89	12	5.4
3	80	6/4	171	3/4	95	14	6.4
4	100	9/8	232	4/8	111	30	13.6



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