

MATERIAL SPECIFICATION SHEET

Dielectric Unions (FIP x Multiple Connections)



Dielectric Unions are designed to separate different types of metals in plumbing systems, effectively preventing galvanic corrosion by acting as a protective barrier between them.

Product Information:

- **Component:** a union nut, two tailpieces, and a gasket.
- **Function:** separates the tailpieces to prevent an electric current from occurring
- **Application:** hot water storage tanks, water and air conditioners, processing tanks, steam, gas, and water piping
- **Maximum Pressure:** 250psi

Product Qualification:

- Complies with Lead Plumbing Law
- Verified with weighted average lead content less than 0.25%
- Solder and Flux lead content less than 0.2%



FIP x Copper



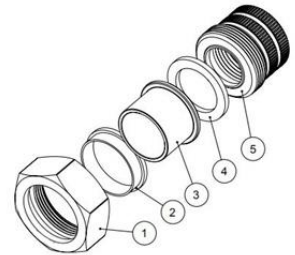
FIP GALV x FIP Brass



FIP x FIP

Material List

No.	Item	Material
1	Union Nut	Steel/zinc Plated
2	Insulator	Plastic
3	Tailpiece	Lead Free Brass
4	Gasket	EPDM
5	Union Body	Steel/Zinc Plated



Dielectric Union Dimensions

Size (in.)	A (in.)	B (in.)	C (in.)	D (in.)	E (in.)
1/2"	1.42	1	0.77	1.87	0.83
3/4" x 1/2"	1.62	1.26	0.77	1.87	0.83
3/4"	1.62	1.26	0.77	2.11	1.06
1"	1.89	1.5	0.87	2.32	1.3
1-1/4"	2.25	1.81	0.91	2.58	1.58
1-1/2"	2.76	2.13	0.95	2.8	1.81
2"	3.51	2.6	1.06	3.11	2.36

