

Product Datasheet: Brass/Steel Insulating Union 3000#



PRODUCT DESCRIPTION

Anode Engineering ground joint unions provide the strongest, tightest link in your piping system with permanent, economical protection that stops galvanic and electrolytic corrosion caused by galvanic coupling of copper services to steel pipelines, stray or induced electrical currents.

FEATURES:

Ground Joint – Extra-wide seating surface.
 Precise Mating – High compression, gas-tight seal that will not loosen under strain or vibration.
 Brass Ring – Serves as a bearing surface for the nut, eliminating undue wear or binding on nylon insulation when tightening up.
 Nut and Body – Made of gunmetal and steel.
 Extra Heavy Shoulder – Increases strength to withstand pipe strains, vibration, misaligned connections and wrench abuse.
 Integral One-Piece Construction – Insulation is bonded and moulded to the metal body. No loose parts to assemble, lose or misalign during field installation.
 Precision Threading – Exact dimensions achieved by

expert machining. Meets ANSI B2.1 Moulded Nylon – Non-brittle to withstand extreme shock loads and impact without fracturing. Chemically unaffected by most substances including gas, water, ammonia, petroleum oils and greases at temperatures as high as 120 degrees C. Additional protection against shorts caused by bridging of foreign material is provided by a return of nylon on the internal surface. Dielectric strength far beyond the toughest requirements.

Also Available in Steel to Steel Insulating Unions #150 and 3000 ANSI

SIZE AND AVAILABILITY

6mm (1/4"),
 10mm (3/8"),
 12mm (1/2"),
 18mm (3/4"),
 25mm (1),
 32mm (1 1/4"),
 38mm (1 1/2"),
 50mm (2"), (62.5mm (2 1/2"),
 75mm (3") in 3000# only).

3000# FORGED STEEL LG2 BRASS "GROUND JOINT" STYLE INSULATING UNIONS

Size mm (inch)	Part no.	Wt. (Kg)	Box Qty.
6mm (1/4")	AE-B2S	0.15	25*
10mm (3/8")	AE-B2S	0.22	25
12mm (1/2")	AE-B2S	0.33	25*
18mm (3/4")	AE-B2S	0.51	25
25mm (1")	AE-B2S	0.75	10*
32mm (1 1/4")	AE-B2S	1.15	10*
38mm (1 1/2")	AE-B2S	1.57	10*
50mm (2")	AE-B2S	2.45	10*

Special combination/reduction sizes on request.

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