

Central Insulation Swivels



Statistical Process Controls Assure Quality Products

Central products are manufactured under strict quality guidelines in an ISO 9001 environment. Every product is monitored throughout the manufacturing process to insure that engineering criteria are maintained.

Central is the Originator of the Insulated Meter Swivel and Still the Best Source

Central's time-proven insulated meter swivels continue to be the most popular way to insulate gas meters worldwide. Central swivels and unions are available in a wide variety of styles and configurations. These include offset, straight, elbows, galvanized, black, insulated, non-insulated, male and female. All parts are manufactured from malleable iron and forged steel.

Insulating materials are moulded and bonded for permanence. Insulation covers the pilot flange and internally extends up the body. There are no loose parts; greatly simplifying assembly and eliminating the possibility of short-circuit caused by moisture.

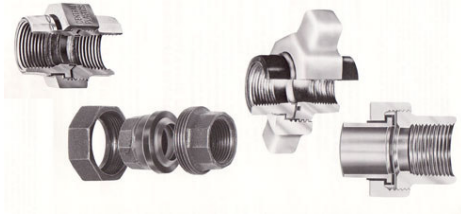
The pigmented insulation is unaffected by ultraviolet rays, has high dielectric strength and is bonded to the metal with a weatherproof adhesive. The insulation is positive and reusable. A metal ring is installed on each swivel, serving as a bearing surface for the nut and preventing damage to the nylon. Central's swivels are available for all types of gas meters and are interchangeable with standard connections, accepting standard meter nuts and reducing inventory.

Vic/Tas/SA 03 9993 7500	NSW 02 9663 2322	NZ 09 414 5080	QLD/NT 07 3890 8533	WA 08 9248 8999
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All written data and statements herein are provided in good faith and believed to be reliable and appropriate at the time of drafting this document. However it is given without implied or express guarantee. Potential uses are urged to trial and /or conduct conformity test of the product to deem its suitable in application for a particular end use prior to purchase.

Central

Insulation Unions



Central's Unions Will Provide the Strongest, Tightest Link in Your Piping System

Central's unions stop galvanic and electrolytic corrosion, providing permanent, economical protection. Insulation is moulded on and there are no loose parts to assemble during installation.

O-Ring Insulating Unions

Flat Faced Type

150# - 3000#

Features

Confined O-Ring Seal. Allows union to be reused. Little torque required to make gas-tight seal, yet permits extremely high compression.

Brass Ring. Serves as a bearing Design Notes Central's insulation design uses nylon on the internal surface which provides additional protection against shorts caused by bridging of foreign materials. Complies with A-105. Meets ASTM Standards.

Black or galvanized insulated or non-insulated parts available surface for the nut, eliminating undue wear or binding on nylon insulation when making-up.

Leak-Proof Seal. Confined gasket makes the seal completely leak-proof. Will not loosen under strain or vibration.

Nut and Body. Made from high-test forged steel. Extra heavy Shoulder. On tail piece, increases strength to withstand pipe strains, vibrations, misaligned connections and wrench abuse.

Internal One-Piece Construction. Nylon insulation is bonded and moulded onto 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.

Ground Joint Insulating Unions

150# - 3000#

This product insulates and isolates, stopping galvanic and electrolytic corrosion of mains and services. Protects against stray or induced house currents.

Features

Ground Joint. Extra-wide seating surface.

Precise Mating Tapers. High compression, gas-tight seal that will not loosen under strain or vibration.

Nut and Body. Made of high-test, malleable iron.

Extra Heavy Shoulder. On swivel end and nut, increases strength to withstand pipe strains, vibration, misaligned connections and wrench abuse.

Integral One-Piece Construction. Insulation is bonded and moulded to 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 250°F. Additional protection against shorts caused by bridging of foreign material provided by a return of nylon on the internal surface. Dielectric strength far beyond the toughest requirements.

Swivels

Available in insulated and standard
Straight, Offset, Female, Male and 90°
Swivel Nuts
Swivel Gaskets
5 Lt. - 100 Lt.
1A - 5A
#2 - #5

Unions

Ground Joint, O-Ring
3,000#, 150#
1/2-in. to 3-in.
Unions available with octagon nut or handlebar nut.
2 1/2-in. to 4-in. Flange Unions.
1/2 to 2-in. Dielectric Unions

Design Notes

Central's insulation design uses nylon on the internal surface which provides additional protection against shorts caused by bridging of foreign materials. Complies with A-105. Meet ASTM Standards. Black or galvanized insulated or non-insulated parts available.

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