

HART O-Ring Unions - Dielectric Unions

3000 LB. Dielectric - Insulated Threaded



D-3131

The Most Effective Method of Preventing Electrolytic Deterioration

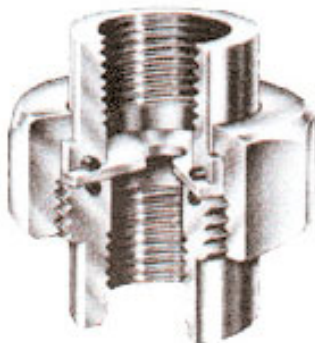
- Insulated against galvanic corrosion
- Breaks the flow of current to prevent stray current corrosion
- All HART Industrial Unions are precision machined
- Tailpiece coated with a tough baked industrial thermo-setting epoxy, bonded directly to the metal
- Manufactured in all standard metals or combination of metals
- Teflon shoulder gasket for extra wear resistance
- Insulating properties - exceeds 500 volts dielectric resistance
- Specify prefix letter "D"
- Example D-3131-5-V-316 (see the "How to Order" page)
- Note: Tailpiece side must be FNPT - screwed, however, threadpiece side can also be socketwelded, sweated, buttwelded
- Tailpiece side must be threaded otherwise the welding torch would burn off the bonded-on insulation which makes it dielectric

Available in these end configurations:

- D-3131 FNPT X FNPT
- D-6161 FNPT X FNPT
- D-3131 FNPT X SW
- D-6163 FNPT X SW
- D-3135 FNPT X BW
- D-3136 FNPT X
Copper Sweat Tube

HART O-Ring Unions - Orifice Unions

3000 LB. Orifice Unions



O-3131

Flow Control Precisely Regulated

- 3000 psi W.O.G., Cold, Non Shock
- With a choice of over 5 different O-Ring materials
- With a wide range of metals for body materials
- O-Ring unions reseal themselves over and over
- Flat-faced design so that components can be easily slipped out of the system without springing the line, and the O-Ring is out of the flow stream where it is protected
- Zero leakage - double O-Ring
- Threaded, socketweld & buttweld ends
- Specify prefix letter "O" (Example O-3131-5-V-316)

Materials: 304 & 316 Stainless meets ASTM A182, Carbon Steel ASTM A105

O-Rings: Viton standard - also available - Buna N, EPDM, Teflon & Neoprene

Drilling: Orifice plate predrilled to 1/64" minimum and marked on union - or furnished blank

Size Range: 1/8" to 4"

For OAL: Add 1/8" to laying length of standard union

HART O-Ring Steamer Unions

For Steam Service up to 572 ° F



- Utilizes special ethylene propylene O-Ring, formulated for steam service
- Flat faced design
- Full flow waterway bore
- Specify prefix letter "S" Example: 2" Fig. S-3131-8-E-304