



# 3000 lb. Dielectric-Insulated Threaded Union

## Technical Data Sheet

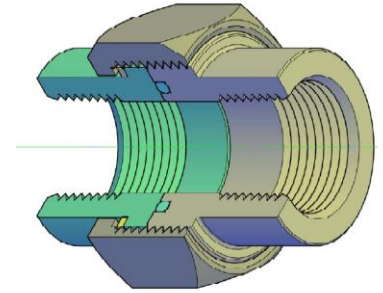


### Product Description:

Hart Industrial Dielectric O-ring Unions are engineered to provide the most effective and efficient method of preventing electrolytic deterioration. The union design provides insulation against galvanic corrosion and also breaks current flow eliminating any stray corrosion. The thermo-baked epoxy polymer coating provides >500 volts/mil dielectric resistance.

### Standard O-Ring Union Features:

- **Turbulence Free:** All unions provide a turbulence-free fit across the seats
- **O-Ring Isolation:** The O-Ring seal is strategically located in the thread piece face eliminating O-Ring media contact and added protection against abrasives and erosion.
- **Precision Machined components:** All unions are precision machined to provide high quality and fail-safe leak proof reliability.
- **Interchangeable End Connections:** Threaded, socket weld, and butt-weld ends are interchangeable. This feature reduces overall costs by eliminating unnecessary nipples, bushings, couplings and inserts.
- **Material Versatility:** Unions can be provided in all standard metals or combination of metals.
- **Excellent vibration resistance:** Seals will not loosen, even under extreme pressure and pressure surges.
- **No maintenance:** Once initial seal is made, no further tightening required



**\*\* IMPORTANT NOTE\*\***  
 The tailpiece side for all Dielectric O-ring Unions must be threaded to avoid potential coating damage during a socketweld, buttweld, or sweat. The threadpiece side of the union can have a socketweld, buttweld, or sweated joint.

### Dielectric Union Configurations:

Tail-Piece/Thread-Piece Identification	Configurations
D-3131	FNPT x FNPT
D-3132	FNPT x MNPT
D-3133	FNPT x SW (socket weld)
D-3134	FNPT x Tube SW (socket weld)
D-3135	FNPT x BW (butt-weld)
D-3136	FNPT x Sweat
D-6161	FNPT x FNPT
D-6163	FNPT x SW (socket weld)
D-6165	FNPT x BW (butt-weld)

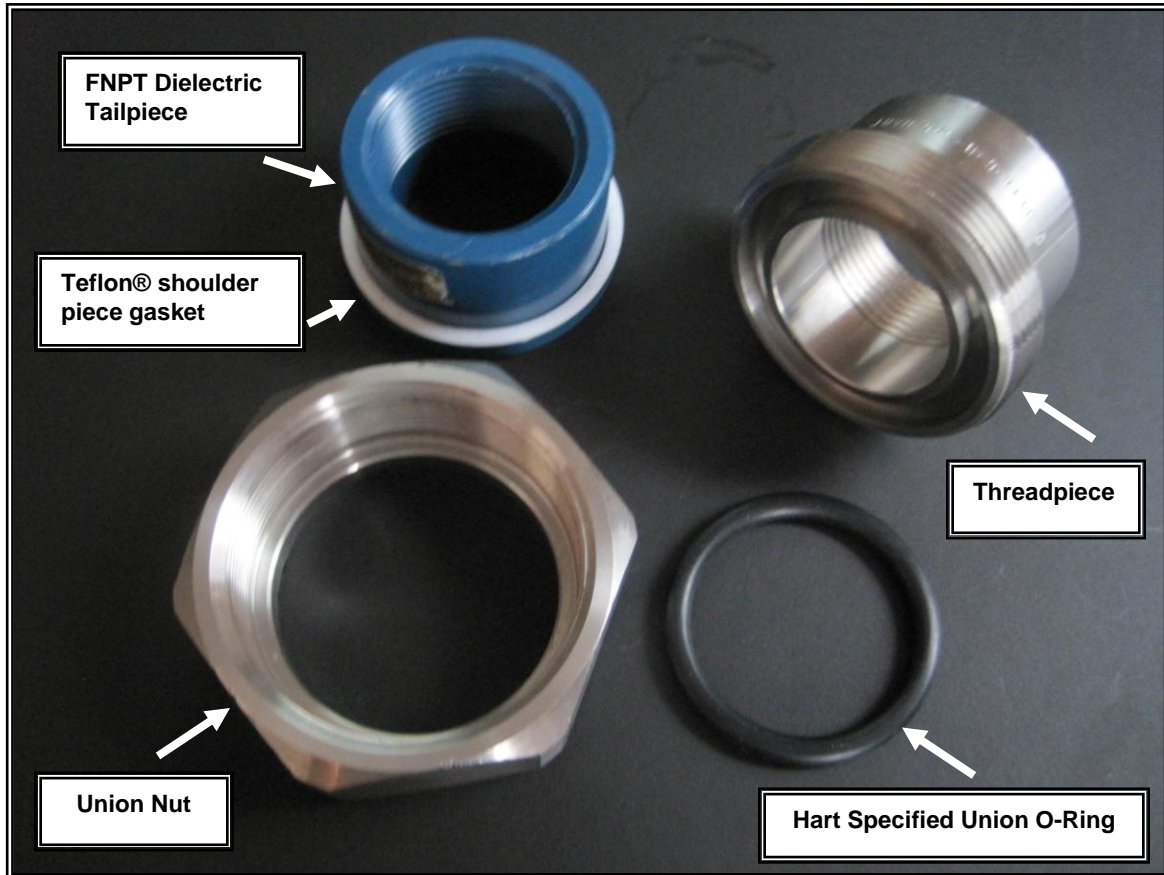
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### Dielectric Union Component Pictorial View:



### How to Order ©:

Ordering Hart specialty o-rings can be easily accomplished by visiting [www.hartindustries.com](http://www.hartindustries.com). Refer to the "How to Order" link on the home page and follow the instructions outlined. Please specify prefix letter "D" to call out our dielectric coating on the union tailpiece.

**HART INDUSTRIAL UNIONS.**  
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