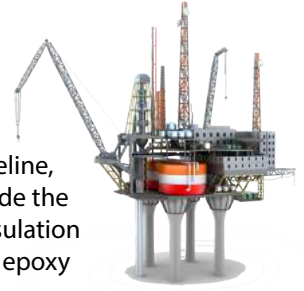




## Dielectric Natural Gas and Petroleum Service Unions Class 3000 and 6000, available in Carbon Steel and Stainless Steel

HART Industrial Dielectric O-Ring Unions are the perfect solution for natural gas, oil-field, transmission pipeline, and refinery applications. The domestic made Class 3000, 6000, and 10000 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 >600 volts/mil dielectric resistance under extreme conditions.



### Typical Applications:

- **Power Generation**
  - Gas & Steam Turbines
  - Co-generation
- **Renewable Energy Systems**
  - Wind & Solar
- **Onshore and Offshore Production**
- **Natural Gas Processing**
- **Natural Gas Transmission**
  - Compressor Stations
  - Transmission Pipelines
- **Liquefied Natural Gas (LNG)**
  - Import / Export Terminals
  - LNG Storage Equipment

*Millions of HART Unions in service globally!*



### Standard O-Ring Union Features:

- **Viton O-Ring Standard** for a superior leak-free seal. Buna-N and Teflon are also available for hydrocarbon and cryogenic applications.
- **Interchangeable End Connections:** Threaded (female and male), socket weld, and butt weld ends are interchangeable. This feature reduces overall costs by eliminating unnecessary nipples, bushings, couplings and inserts.
- **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.



### Dielectric Union Configurations:

Configuration	Description	Class
D-3131	FNPT x FNPT	3000
D-3132	FNPT x MNPT	3000
D-3133	FNPT x SW (PIPE Socket Weld)	3000
D-3134	FNPT x TUBE (TUBE Socket Weld)	3000
D-3135	FNPT x BW (Butt Weld)	3000
D-3136	FNPT x SWEAT (Copper Sweat)	3000
D-6161	FNPT x FNPT	6000
D-6162	FNPT x MNPT	6000
D-6163	FNPT x SW	6000
D-6164	FNPT x TUBE	6000
D-6165	FNPT x BW	6000

Configuration	Description	Class
D-3231	MNPT x FNPT	3000
D-3232	MNPT x MNPT	3000
D-3233	MNPT x SW (PIPE Socket Weld)	3000
D-3234	MNPT x TUBE (TUBE Socket Weld)	3000
D-3235	MNPT x BW (Butt Weld)	3000
D-3236	MNPT x SWEAT (Copper Sweat)	3000
D-6261	MNPT x FNPT	6000
D-6262	MNPT x MNPT	6000
D-6263	MNPT x SW	6000
D-6264	MNPT x TUBE	6000
D-6265	MNPT x BW	6000



Questions? Call us at 1-800-769-0503. Our Customer Service and Engineering Teams are available to assist you with any needs!

HART Industrial Unions, LLC  
PO Box 310429  
Newington, CT 06131  
USA

Phone: 1-800-769-0503  
Fax: 1-800-769-0504  
www.hartindustries.com  
sales@hartindustries.com

