

ElectroJoint™

Replaces flanged connections

The ElectroJoint™ monolithic isolation joints are a leak-proof, maintenance-free and long lasting block against the flow of electric current in all piping systems. The ElectroJoint™ eliminates short circuits and field assembly. The ElectroJoint™ is coated internally and externally to prevent corrosion and is 100% hydrostatically, electrically and weld tested. All ElectroJoint™ monolithic isolation joints are manufactured under an ISO Quality Management System.



FEATURES AND BENEFITS:

- » Eliminates short circuits
- » Eliminates field assembly
- » Eliminates maintenance
- » Coated both internally & externally
- » 100% electrically tested
- » Completely weld inspected
- » Manufactured under an ISO Quality Management System

AVAILABLE SIZES:

- » Up to 8 inch, ANSI class 150#
- » Up to 6 inch, ANSI classes 300/600#

Factory assembled, permanent and maintenance-free weld-in electrical isolation joint. Replaces flanged connections.

SPECIFICATIONS:

| | 150# ANSI CLASS (PN or DP 25) | 300/600# ANSI CLASS (PN or DP 100) |
|----------------------------------|-------------------------------|------------------------------------|
| Pressure Rating | 285psi | 1,480psi (600#) |
| Continuous Operating Pressure | 300psi | 1,500psi |
| Test Pressure | 450psi | 2,224psi |
| Working Temperature: | 1°F to 158°F (-17°C - 70°C) | 1°F to 158°F (-17°C - 70°C) |
| Electrical Resistance (Dry Air): | ≥ 10 MΩ at 1000 V DC | ≥ 10 MΩ at 1000 V DC |
| Breakdown Voltage (Dry Air): | 3 kV AC, 50 Hz for 1 minute | 3 kV AC, 50 Hz for 1 minute |

NOTE:

All data supplied is for standard joints. Please contact factory for nominal diameters, pressures (up to 2500 ANSI), temperatures (up to 320°F / 160°C) and electrical characteristics not shown. The information is subject to change at the manufacturer's discretion.

ADDITIONAL INFORMATION:

Eliminates Short Circuits:

Bolts, sleeves and washers - the major source of short circuits in most isolation assemblies - are eliminated with the ElectroJoint™ monolithic isolation joint. Each joint is electrically tested during production to assure integrity, performance and isolating properties.

Eliminates Field Assembly:

The ElectroJoint™ isolation joint is completely factory assembled and tested. There are no flanges, gaskets, nuts, bolts, sleeves or washers to handle and consequently no fluid leaks due to improper field assembly.

100% Hydrostatically Tested:

All ElectroJoint™ joints undergo hydrostatic pressure tests at 1.5 times their rated operating pressure in accordance with ASME B31.3 standards.



GPT 1-24_09.2016



www.gptindustries.com

4990 Iris Street
Wheat Ridge, CO 80033
Tel: (303) 988-1242
Fax: (303) 988-1922

6455 Clara Road, Suite 300
Houston, TX 77041
Tel: (713) 747-6948
Fax: (713) 747-6029

2 Woodlands Sector 1
#03-11 Woodlands Spectrum 1
Singapore 738068
Republic of Singapore

Unit 3-5, Chester Road
Colmworth Business Park
Eaton Socon, St. Neots
Cambridgeshire, PE 19 8YT
Tel: +44 (0) 1480 404661
Fax: +44 (0) 1480 404662

Oilfields Supply Center Ltd.
Executive Office 4, PO Box 1518
Jebel Ali Free Zone, Dubai
United Arab Emirates