

Permasert® XL Large Diameter Polyethylene-to-Steel, PE-to-PVC & PE-to-Cast Iron Mechanical Couplings

Permasert XL large diameter couplings are non-corrosive and require no cathodic protection or protective coatings.



Features

- Includes unique breakaway bolt on PE-to-Steel coupling
- Secure, gas-tight connection from Polyethylene-to-PVC, steel or cast iron for repairs or replacement programs
- 2" through 6" IPS sizes available
 - PE-to-Steel: 2" - 6"
 - PE-to-PVC: 2" and 4"
 - PE-to-Cast Iron: 4" and 6"
- All plastic/stainless steel construction
- Design qualified for joining PE gas pipe (2406 and 3408) to PE pipe
- Simple, effective design
- Quick, easy installation

Benefits

- Insures secure, gas-tight connection to steel piping
- Allows for quick transitions between Polyethylene and PVC, steel or cast iron piping
- The Permasert XL provides total installed cost savings versus fusion joining methods
- Eliminates the need for cathodic protection and the record keeping associated with buried steel couplings
- The pull out strength and pressure bearing capability of the XL coupling is greater than the connected PE gas piping
- Easy to install, no special tooling or power generators required. Accommodates out-of-round and misaligned pipe ends
- Total installed cost savings versus alternate methods. Excavation sites can be significantly reduced.
- One person installation in any weather condition

Permasert XL Large Diameter couplings offer the same benefits as Permasert couplings - non-corrosive, easy to install, and provide the security of knowing you've made a safe, gas-tight connection. Permasert XL couplings are available in varying sizes for joining PE-to-Steel, PE-to-PVC and PE-to-Cast Iron gas mains.



elster
Perfection

Permasert XL large diameter polyethylene mechanical couplings - connect with safety, integrity and speed

Polyethylene-to-Steel (PE-to-Steel) Mechanical Couplings

Size	SDR/Wall	Part Number
2" IPS	SDR 11	55164
2" IPS	SDR 9/SDR 9.3	55165
3" IPS	SDR 11/SDR 11.5	55140
3" IPS	SDR 9.3	55141
3" IPS	SDR 13.5	55142
4" IPS	SDR 11/SDR 11.5	55121
4" IPS	SDR 9.3	55122
4" IPS	SDR 13.5	55123
6" IPS	SDR 13.5	55185
6" IPS	SDR 11.5	55186
6" IPS	SDR 11	55187

Polyethylene-to-PVC Pipe (PE-to-PVC) Mechanical Couplings

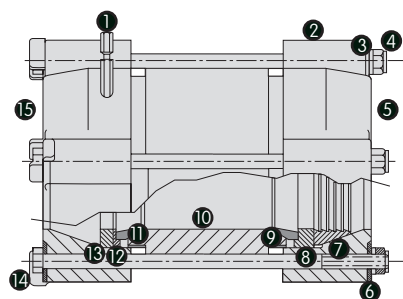
Size	SDR/Wall	PVC	Part Number
2" IPS	SDR 11	SCH 40 PVC	55167
2" IPS	SDR 11	SDR 21 PVC	55168
4" IPS	SDR 11	SCH 40 PVC	55157
4" IPS	SDR 11	SDR 21 PVC	55158

Polyethylene-to-Cast Iron (PE-to-CI) Mechanical Couplings

Size	SDR/Wall	Part Number
4" IPS	SDR 11/SDR 11.5	55151
4" IPS	SDR 9.3	55152
4" IPS	SDR 13.5	55153
4" IPS	SDR 11/SDR 11.5	55154
6" IPS	SDR 11	55191
6" IPS	SDR 11.5	55192
6" IPS	SDR 13.5	55193

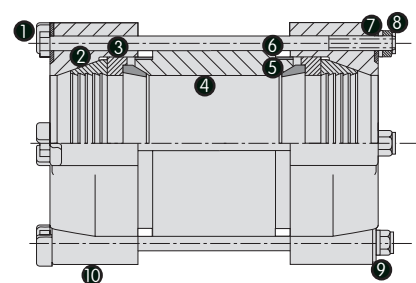
Meets the applicable requirements of US DOT CFR Title 49, Part 192, and ASTM D-2513 category 1

PE-to-Steel Mechanical Coupling



- 1 Breakaway 3/8" Bolt
- 2 Retaining Ring (2)
- 3 Lock Washer (4)
- 4 Nut (4)
- 5 PE Pipe End
- 6 Washer (4)
- 7 PE Collet (2)
- 8 Engagement Ring (2)
- 9 Gasket (2)
- 10 Body Tube
- 11 SS Support Band (2)
- 12 Thrust Washer
- 13 Clamp Collar
- 14 Body Bolt (4)
- 15 Steel Pipe End

PE-to-PVC and PE-to-Cast Iron Mechanical Coupling



- 1 Body bolt (4)
- 2 Collet (2)
- 3 Engagement Ring (2)
- 4 Body Tube
- 5 Gasket (2)
- 6 SS Support Band (2)
- 7 Lock Washer (4)
- 8 Nut (4)
- 9 Washer (4)
- 10 Retaining Ring (2)

About Elster Group

Elster Group is the world's leading manufacturer and supplier of highly accurate, high quality, integrated metering and utilization solutions to the gas, electricity and water industries. In addition, through its subsidiary Ipsen International, it is the leading global manufacturer of high level thermo-chemical treatment equipment.

The group has over 8,500 staff, operations in 38 countries and serves over 115 markets around the world. Elster's high quality products and systems reflect the wealth of knowledge and experience gained from over 170 years of dedication to measuring precious resources and energy.

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