# Permasert® Repair Couplings

Permasert repair couplings are non-corrosive and require no cathodic protection or protective coatings.

## Features

- Fastest method of repair for PE piping
- Reduced trench size versus fusion methods
- Industry's leading stab coupling for PE joining
- No special tools or training
- One piece construction
- No need for generators or other costly installation equipment
- Molded from industry proven PE4710/Bimodal PE3408 resin
- Sizes from 1/2" CTS to 2" IPS. Also available in metric sizes
- Independent gripping collet and elastomeric seals

## Benefits

- Cut repair time by 50 to 75%, dramatically reducing job site costs
- Reduces excavation and restoration costs
- Total installed cost savings versus electrofusion and heat-fusion joining methods
- Fast and easy installation in less than a minute
- No parts to lose or damage during installation
- Allows for one person installations in all weather conditions
- Non corrosive couplings and components provide outstanding long term performance, eliminating the need for special coatings and cathodic protection.
- Minimal stress is applied to the PE piping. Couplings have a pull-out strength greater than the connected PE piping
- Safe, dependable performance for more than 30 years with more than 40 million Permasert couplings installed around the world

Permasert Repair Couplings can cut repair time by 50 to 75%. Within a few minutes, the repair can be safely completed, while eliminating the need for expensive fusion equipment and excessive excavation. The crew simply locates the damaged section of pipe, determines the coupling size required, cuts out the damaged section, and installs the repair coupling. Additionally, for 1-1/4" and 2" piping, the Permasert Repair Coupling incorporates a unique telescoping stiffener that makes the repair process easier.

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# Permasert repair couplings - connect with safety, integrity and speed

| Size | SDR/Wall | Overall Length | PE Material | Part Number |
|---|---|---|---|---|
| 1/2" CTS | .090" | 24" | PE100/Bimodal PE3408 | 50177 |
| 1/2" CTS | .090" | 24" | PE100/Bimodal PE3408 (w/flex) | 50054010 |
| 1/2" CTS | .090" | 12" | PE100/Bimodal PE3408 | 50056 |
| 3/4" IPS | SDR 11 | 12" | PE100/Bimodal PE3408 | 50175 |
| 3/4" IPS | SDR 11 | 24" | PE100/Bimodal PE3408 | 50067030 |
| 1" CTS | .090/.099/.102" | 12" | PE100/Bimodal PE3408 | 50172 |
| 1" IPS | SDR 11 | 13" | PE100/Bimodal PE3408 | 50640 |
| 1-1/4" IPS | SDR 9.3/10 | 13" | PE100/Bimodal PE3408 | 50320100 |
| 1-1/4" IPS | SDR 11 | 13" | PE100/Bimodal PE3408 | 50342 |
| 1-1/4" IPS | SDR 11 | 36" | PE100/Bimodal PE3408 | 51355 |
| 2" IPS | SDR 11 | 15-1/2" | PE100/Bimodal PE3408 | 50341 |
| 2" IPS | SDR 11 | 36" | PE100/Bimodal PE3408 | 50330 |
| Other configurations available | | | | |

Laboratory and field tested for regulatory compliance. Meets or exceeds the requirements of ASTM D-2513 category 1, US DOT Part 192, NFPA-58, ISO 4437; GBE/PL3 (June, 1995 revision) and NF T 54 069/54 067; IAPMO® UPC® listed; CSA B137.4 and DVGW VP 600 (G94e153) certified

## About Elster Group

A world leader in advanced metering infrastructure, integrated metering, and utilization solutions to the gas, electricity and water industries, Elster's systems and solutions reflect over 170 years of knowledge and experience in measuring precious resources and energy.

Elster provides solutions and advanced technologies to help utilities more easily, efficiently and reliably obtain and use advanced metering intelligence to improve customer service, enhance operational efficiency, and increase revenues. Elster's AMI solutions enable utilities to cost-effectively generate, deliver, manage, and conserve the life-essential resources of gas, electricity, and water.

Elster has over 7500 staff and operations in 38 countries in North and South America, Europe, and Asia.

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