

# Hydrosert® Repair Couplings



All Hydrosert fittings comply with the applicable requirements of AWWA C901 and are NSF listed. Hydrosert fittings are pressure rated to the design pressure of the PE piping to be connected, up to 200 PSIG (13.8 bar).

## 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 HDPE (PE3408/PE4710)
- 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 repairs 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
- Hydrosert Coupling products are all plastic component... no lead content

Hydrosert Repair Couplings can cut repair time by 50 to 75%. They take just minutes to install and eliminate 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. All Hydrosert Repair Couplings provide for fast and safe installations in all weather conditions.



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Perfection

The success of this joining system is based on Elster Perfection's innovative design for a "no stress" fitting, which separates and optimizes both the gripping and sealing areas of the fitting.

## Specifications

Body: Polyethylene HDPE (PE3408/PE4710), NSF and PPI Listed

Collet Support Ring: Stainless Steel (400 Series)

Gripping Collet: Acetal (POM)

Thrust Washer: Polyethylene (PE)

O-Rings: EPDM, NSF Listed

Spacer Retainer Ring: Acetal (POM)

Insert Stiffener: Polysulfone

## Testing

Pull-out Resistance, 0.2 ipm (5 mm/min.): Full Restraint

Pull-out Resistance, 20 ipm (500 mm/min.): Full Restraint

Hydrostatic, ASTM D 1598, 580 psi (4 MPa), @ 80°C: No Failures, > 1000 hrs.

Quick Burst, ASTM D 1599: Ductile failure

## Standards Compliance

AWWA: C901

NSF: Standard 61

## 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 7,500 staff and operations in 38 countries in North and South America, Europe, and Asia.

Size	SDR/Wall	Repair Length	Part Number
3/4" CTS	SDR 9 (0.097")	12	61060
3/4" IPS	SDR 9 (0.117")	12	61061
1" CTS	SDR 9 (0.125")	12	61062
1" IPS	SDR 9 (0.146")	12	61063
1" IPS	SDR 11 (0.120")	12	61064
3/4" CTS	SDR 9 (0.097")	18	61065
1" CTS	SDR 9 (0.125")	18	61066
Other configurations available			

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