

Hydrosert® Blind End Stubs and Caps



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

- Caps include a molded-in cut line on the removable dome (Hydrosert components on both ends of the coupling)
- Stubs contain a safety warning label on the dead-end side of the coupling
- 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
- Reduced trench/ditch size for Hydrosert installations
- Molded from industry proven HDPE (PE3408/PE4710)
- Independent gripping collet and elastomeric seals

Benefits

- Caps may be used as a permanent or temporary termination of the water main or service
- Stubs allow for quick, safe and permanent termination of a service line
- Hydrosert components in the open end of the coupling only
- 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
- Reduces excavation and restoration costs versus fusion methods
- 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 Blind End Stubs and Caps provide a safe, quick method for the temporary shut off or permanent abandonment of a water service line. The Hydrosert Blind End Stub provides a permanent end cap or shut-off of the water service line. The Hydrosert Blind End Cap contains connecting components under the cap end allowing for easy service line continuation after the cap end has been snipped off. The Hydrosert Blind End Stubs and Caps provide outstanding cost savings and reliability versus other methods of service termination or continuation.



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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

A world leader in advanced metering infrastructure, integrated metering, and utilization solutions to the gas, electricity and water industries. Elster's metering and system 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 a staff of over 7,000 serving customers globally in North America, Central America, South America, Europe, Asia, Africa and the Middle East.

Blind End Stub

Blind end stubs may be used at the end of a service line to permanently shut off a service.

Stub signifies that only the open end of the product can be stabbed onto a water line.

Size	SDR/Wall	Part Number
3/4" CTS	SDR 9 (0.097")	61160
3/4" IPS	SDR 9 (0.117")	61161
1" CTS	SDR 9 (0.125")	61162
1" IPS	SDR 9 (0.146")	61163
1" IPS	SDR 11 (0.120")	61164
Other configurations available		

Blind End Cap

Blind end caps can be removed by cutting on the dotted line thus enabling the newly uncovered end to be stabbed onto a water

line. Cap signifies that both ends of the product are functional, one end showing and one end covered by cap.

Size	SDR/Wall	Part Number
3/4" CTS	SDR 9 (0.097")	61100
3/4" IPS	SDR 9 (0.117")	61101
1" CTS	SDR 9 (0.125")	61102
1" IPS	SDR 9 (0.146")	61103
1" IPS	SDR 11 (0.120")	61104
1-1/4" CTS	SDR 9 (0.153")	61106
Other configurations available		

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