

Hydrosert® Shut-off Valves



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

- Outlets compatible with all PE distribution systems
- Rated at operating temperatures from -32°F to 100°F (-29°C to 38°C) and rated equivalent to the maximum allowable operating pressure
- Quarter turn on-off actuation
- Available with Hydrosert outlets or fusion outlets from 3/4" CTS through 2" IPS

Benefits

- Control for service and main lines
- Long-term performance and improved system integrity
- Meet or exceed the applicable requirements of AWWA C901
- Consistent with industry standards
- Fast and easy installation. Allows valve to remain in vertical position in valve box to simplify actuation.
- Maximized opening for improved flow
- Leak-free performance
- Molded from industry proven NSF and PPI listed high density polyethylene (HDPE)
- Hydrosert Coupling products have all plastic components ...no lead content

High density shut-off valves eliminate the need for corrosive inhibiting coatings or cathodic protection. Shut-off valves with Hydrosert outlet allow for fast easy connection to polyethylene service lines.



Maintenance free operation requires no cathodic protection or corrosion inhibiting coating.

Specifications

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

Standards Compliance

AWWA: C901 ASTM D 3350

NSF [1](#)

Testing

Operating Test, 10 cycles

4 psig + 1.5 times MAOP

Temperature Resistance, -20°F and 100°F,
10 cycles

Hydrostatic, ASTM D 1598, 670 psi
(4 MPa), @ 80°C: No Failures, > 1000 hrs.

Quick Burst, ASTM D 1599: Ductile failure

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.

Hydrosert Shut-off Valves with Permasert Mechanical Outlets

Size	SDR/Wall	Part Number
3/4" CTS	SDR 9 (0.097")	60240
3/4" IPS	SDR 9 (0.117")	60241
1" CTS	SDR 9 (0.125")	60242
1" IPS	SDR 9 (0.146")	60243
1" IPS	SDR 11 (0.120")	60244
1" CTS	SDR 9 (0.125")	60245

Hydrosert Shut-off Valves with Butt Fusion Outlets

Size	SDR/Wall	Part Number
1" CTS	SDR 9 (0.125")	60342
1" IPS	SDR 11 (0.216")	60345

Combination Tapping Tees with Hydrosert Shut-off Valve

Size	Outlet Size	SDR/Wall	Part Number
6" DIPS	1" IPS	SDR 11 (0.120")	60300
8" DIPS	1" IPS	SDR 11 (0.120")	60301
12" DIPS	1" IPS	SDR 11 (0.120")	60302

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