

Permasert® Reducing Couplings



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

Features

- One piece reducer fitting
- 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 Permasert installations
- 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

- Allows for fast, easy service line size reductions with just one fitting
- 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
- Safe, dependable performance for more than 30 years with more than 40 million Permasert couplings installed around the world

Permasert Reducing Couplings allow for fast and easy service line size reductions with just one fitting. Much faster to install than competing joining methods, this time and money saving coupling is available from 1/2" CTS to 2" IPS and is molded from industry leading PE4710/bimodal PE3408 resin for improved long term performance.



elster
Perfection

Permasert reducing couplings - connect with safety, integrity and speed

Size	SDR/Wall	Size	SDR/Wall	PE Material	Part Number
1/2" CTS	.062"	3/4" CTS	.080"	PE4710/Bimodal PE3408	50524
1/2" CTS	.090"	1/2" CTS	.062"	PE4710/Bimodal PE3408	50129
1/2" CTS	.090"	1" CTS	.090"/.099"/.102"	PE4710/Bimodal PE3408	50149
1/2" CTS	.062"	1" CTS	.090"/.099"/.102"	PE4710/Bimodal PE3408	50183
1/2" CTS	.090"	1" CTS	.121"/.125"	PE4710/Bimodal PE3408	50170
1/2" IPS	SDR 9.3	1/2" CTS	.090"	PE4710/Bimodal PE3408	50751
1/2" IPS	SDR 9.3	3/4" IPS	SDR 11	PE4710/Bimodal PE3408	50756
3/4" CTS	.080"	1" CTS	.090"/.099"/.102"	PE4710/Bimodal PE3408	50523
3/4" CTS	.090"	1/2" CTS	.090"	PE4710/Bimodal PE3408	50525
3/4" CTS	.090"	1" CTS	.090"/.099"/.102"	PE4710/Bimodal PE3408	50529
3/4" IPS	SDR 11	1/2" CTS	.062"	PE4710/Bimodal PE3408	50185
3/4" IPS	SDR 11	1/2" CTS	.090"	PE4710/Bimodal PE3408	50969
3/4" IPS	SDR 11	3/4" CTS	.090"	PE4710/Bimodal PE3408	50152
3/4" IPS	SDR 11	1" CTS	.090"/.099"/.102"	PE4710/Bimodal PE3408	50148
1" CTS	SDR 11	1" CTS	.121"	PE4710/Bimodal PE3408	50150
1" CTS	.090"/.099"/.102"	1/2" CTS	.090"	PE4710/Bimodal PE3408	50149
1" IPS	.090"/.099"/.102"	1/2" CTS	.090"	PE4710/Bimodal PE3408	50641
1" IPS	SDR 11	3/4" IPS	SDR 11	PE4710/Bimodal PE3408	51432
1" IPS	SDR 11	1" CTS	.090"/.099"/.102"	PE4710/Bimodal PE3408	50623
1" IPS	SDR 11	1" CTS	.121"	PE4710/Bimodal PE3408	50619
1" IPS	SDR 11	2" IPS	SDR 11	PE4710/Bimodal PE3408	50627
1-1/4" CTS	.090"	3/4" CTS	.090"	PE4710/Bimodal PE3408	50565
1-1/4" CTS	.090"	1" CTS	.090"/.099"/.102"	PE4710/Bimodal PE3408	50850
1-1/4" CTS	.121"	1" CTS	.121"	PE4710/Bimodal PE3408	50852
1-1/4" IPS	SDR 10	1/2" CTS	.090"	PE4710/Bimodal PE3408	50964
1-1/4" IPS	SDR 10	3/4" IPS	SDR 11	PE4710/Bimodal PE3408	50195010
1-1/4" IPS	SDR 11	3/4" IPS	SDR 11	PE4710/Bimodal PE3408	51677
1-1/4" IPS	SDR 10	1" CTS	.090"/.099"/.102"	PE4710/Bimodal PE3408	50192
1-1/4" IPS	SDR 11	1" CTS	.090"/.099"/.102"	PE4710/Bimodal PE3408	50194
1-1/4" IPS	SDR 11	1" CTS	.121"	PE4710/Bimodal PE3408	50132
1-1/4" IPS	SDR 10	1" IPS	SDR 11	PE4710/Bimodal PE3408	50343010
1-1/4" IPS	SDR 11	1" IPS	SDR 11	PE4710/Bimodal PE3408	50643
1-1/4" IPS	SDR 10	1-1/4" CTS	.090"	PE4710/Bimodal PE3408	50558100
1-1/4" IPS	SDR 10	1-1/4" IPS	SDR 11	PE4710/Bimodal PE3408	50335100
1-1/4" IPS	SDR 11	1/2" CTS	.090"	PE4710/Bimodal PE3408	50136
2" IPS	SDR 11	1" CTS	.090"/.099"/.102"	PE4710/Bimodal PE3408	50312
2" IPS	SDR 11	1" CTS	.121"	PE4710/Bimodal PE3408	50319
2" IPS	SDR 11	1-1/4" IPS	SDR 10	PE4710/Bimodal PE3408	50333010
2" IPS	SDR 11	1-1/4" IPS	SDR 11	PE4710/Bimodal PE3408	50334100

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

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.

Elster Perfection
222 Lake Street
Madison, OH 44057
USA

T +1 440 428 1171
F +1 440 428 7325

www.elster-perfection.com

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