

# Permasert® 3-Way Reducing Tees



Permasert 3-way reducing tees are perfect for branching services with a single, compact coupling.

## Features

- One piece 3-way reducing tee
- 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 easy branching of mains or services with just one coupling. Reduces time, labor and materials versus fusion methods
- 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

The Permasert 3-way reducing tees help gas installers save time and money by allowing the branching of services with one coupling rather than the multiple fusions that traditional installations may require. Like all Perfection Permasert couplings, Elster Perfection's reducing tees are molded from industry leading PE4710/bimodal PE3408 resin which provides excellent long term performance characteristics.



elster  
Perfection

## Permasert 3-way reducing tees - connect with safety, integrity and speed

Size	SDR/Wall	PE Material	Part Number
1/2" CTS	.090"	PE4710/Bimodal PE3408	
1/2" CTS	.090"	PE4710/Bimodal PE3408	51335
1" CTS	.090"/.099"/.102"	PE4710/Bimodal PE3408	
3/4" IPS	SDR 11	PE4710/Bimodal PE3408	
3/4" IPS	SDR 11	PE4710/Bimodal PE3408	50461
1/2" CTS	.090"	PE4710/Bimodal PE3408	
1" CTS	.121"	PE4710/Bimodal PE3408	
1" CTS	.121"	PE4710/Bimodal PE3408	50995
1/2" CTS	.090"	PE4710/Bimodal PE3408	
1" CTS	.090"/.099"/.102"	PE4710/Bimodal PE3408	
1" CTS	.090"/.099"/.102"	PE4710/Bimodal PE3408	50451
1/2" CTS	.090"	PE4710/Bimodal PE3408	
1" IPS	SDR 11	PE4710/Bimodal PE3408	
1" IPS	SDR 11	PE4710/Bimodal PE3408	50632
1/2" CTS	.090"	PE4710/Bimodal PE3408	
1-1/4" IPS	SDR 10	PE4710/Bimodal PE3408	
1-1/4" IPS	SDR 10	PE4710/Bimodal PE3408	50328100
1" CTS	.090"/.099"/.102"	PE4710/Bimodal PE3408	
1-1/4" IPS	SDR 11	PE4710/Bimodal PE3408	
1-1/4" IPS	SDR 11	PE4710/Bimodal PE3408	50336100
1" CTS	.090"/.099"/.102"	PE4710/Bimodal PE3408	
2" IPS	SDR 11	PE4710/Bimodal PE3408	
2" IPS	SDR 11	PE4710/Bimodal PE3408	51283
1" IPS	SDR 11	PE4710/Bimodal PE3408	
2" IPS	SDR 11	PE4710/Bimodal PE3408	
2" IPS	SDR 11	PE4710/Bimodal PE3408	51323100
1-1/4" IPS	SDR 10	PE4710/Bimodal PE3408	
2" IPS	SDR 11	PE4710/Bimodal PE3408	
2" IPS	SDR 11	PE4710/Bimodal PE3408	50339
1" CTS	.121"	PE4710/Bimodal PE3408	
2" IPS	SDR 11	PE4710/Bimodal PE3408	
2" IPS	SDR 11	PE4710/Bimodal PE3408	51285
1-1/4" IPS	SDR 11	PE4710/Bimodal PE3408	
2" IPS	SDR 11	PE4710/Bimodal PE3408	
2" IPS	SDR 11	PE4710/Bimodal PE3408	50348100
1" CTS	.090"/.099"/.102"	PE4710/Bimodal PE3408	

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 +1 440 466 7351

[www.elster-perfection.com](http://www.elster-perfection.com)

© 2007 Elster Perfection. All rights reserved

Information contained herein is subject to change without notice. Product specifications may change. Contact your Elster Perfection representative for the most current product information. Printed in the United States.

EP-DS0006-EN-P - September 2007  
Supersedes LITC3-04210