

Permasert® Polyethylene Mechanical Fittings and Risers

Make sure you are thoroughly trained before you attempt any regulator installations.
Improper conditions or procedures can cause accidents resulting in property damage and personal injury.

Polyethylene piping systems shall be limited to: 1) Vapor service not exceeding 30 psig 2) Installation outdoors and underground with a minimum of 18" of cover, except the cover may be reduced to 12", if external damage to the pipe is not likely to result. Check your local codes.

Mechanical Couplings

Part #	Size	SDR/Wall
50100	1/2" CTS	.090
50030	3/4" IPS	SDR 11
50601	1" IPS	
50035010	1-1/4" IPS	SDR 10
50314	2" IPS	SDR 11



Coppersert™ Copper to PE Fittings

Size	Part #
1/2" CTS x 3/8" Flare	41007
1/2" CTS x 1/2" Flare	41013
1/2" CTS x 5/8" Flare	41002
3/4" IPS x 5/8" Flare	41130
1" CTS x 5/8" Flare	41150



Permasert Three-Way Tees

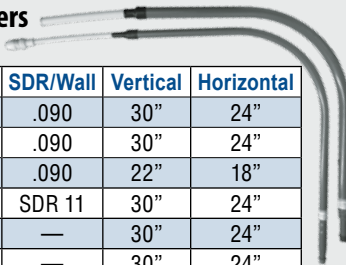
Part #	Size	SDR/Wall
50199	1/2" CTS	.090
50929	3/4" IPS	SDR 11
50634	1" IPS	
50327010	1-1/4" IPS	SDR 10
50316	2" IPS	SDR 11



Anodeless Service Line Risers

Permasert Mechanical Ends

Part #	Outlet	Inlet	SDR/Wall	Vertical	Horizontal
77253	1/2" MPT	1/2" CTS	.090	30"	24"
75192	3/4" MPT	1/2" CTS	.090	30"	24"
77201	3/4" MPT	1/2" CTS	.090	22"	18"
79209	3/4" MPT	3/4" IPS	SDR 11	30"	24"
78442	1" MPT	1" IPS	—	30"	24"
75901	1-1/4" MPT	1-1/4" IPS	—	30"	24"
75906	2" IPS	2" IPS	SDR 11	30"	15"



Polyethylene Piping

Part #	Size	Coil Length	I.D.	Nominal O.D.	SDR	Minimum Wall Thickness
PP-1/2CTS	Medium density polyethylene piping	500 ft.	1/2"	0.625"	7	.090"
PP-3/4IPS			3/4"	1.050"	11	.095"
PP-1IPS			1"	1.315"	10	.120"
PP-1 1/4IPS			1-1/4"	1.660"	10	.166"
PP-2IPS		250 ft.	2"	2.375"	11	.216"



Anodeless Servi-Sert® Field-Assembled All-flex Risers* (with Swivel Connector/Union)

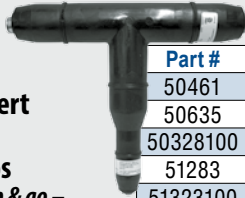
Part #	Outlet	Inlet	Overall Length
71353	1/2" MNPT	1/2 CTS Poly Pipe	84"
71354			36"
71355	3/4" MNPT	3/4" IPS	84"
71356			36"
71412			84"
71410			36"
71411			60"



Permasert Blind End Caps

Caps: stop & go – both ends functional

Part #	Size	SDR/Wall
50016	1/2" CTS	.090
50026	3/4" IPS	SDR 11
50033	1-1/4" IPS	SDR 10
50317	2" IPS	SDR 11



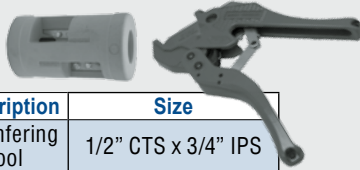
Servi-Sert® Replacement Service Head Adaptors

Part #	Outlet	Inlet	Service head adaptors ONLY
71110	1/2" MNPT	1/2" CTS	Service head adaptors ONLY
71100	3/4" MNPT	3/4" IPS	
71161		3/4" IPS	

Approved by NFPA-58, 1998 Edition (Check Local Jurisdictions.)

Tools and Accessories

Part #	Description	Size
51016	Chamfering tool	1/2" CTS x 3/4" IPS
51008		3/4" IPS x 1" IPS
51028		1-1/4" IPS
51040		2" IPS
55290	Plastic cutter	Snips 1/8"–1 1/2" OD
55291		Snips 1/8"–2 3/8" OD



NOTE: The above part numbers represent our most popular components. For other sizes or custom configurations, please inquire.

Repair Couplings

Part #	Size	SDR/Wall	Length
50056	1/2" CTS	.090	12"
50175	3/4" IPS	SDR 11	
50640	1" IPS		
50320100	1-1/4" IPS	SDR 10	
50341	2" IPS	SDR 11	

NOTE: Polyethylene pipe/tubing shall be limited to vapor service, not exceeding 30 psig, and must be installed outdoors and underground.

Transition Fittings

Part #	Description	Size	Approximate Dimension
700004	Transition, threaded	1/2" MNPT x 1/2" CTS	16-1/2"
700205		3/4" MNPT x 1/2" CTS	16"
700802		3/4" MNPT x 3/4" IPS	17"
707202		1" MNPT x 1" IPS	17"
702205		1-1/4" MNPT x 1-1/4" IPS	16-1/2"
702602		2" MNPT x 2" IPS	18-1/2"



Permasert Reducing Couplings

Part #	Size	SDR/Wall	Size	SDR/Wall
50149	1/2" CTS	.090	1" CTS	.099"/.103"
50969			3/4" IPS	SDR 11
51432	1" IPS	SDR 11	1" IPS	SDR 11
50343010	1-1/4" IPS	SDR 10		
50333010	IPS			



Locator Tape and Wire

Tracer Tape should be placed in trench a minimum of 6" above polyethylene pipe. The metallic tape allows for easy location of plastic pipe with metal detector.



Part #	Description	Coil Length
715-NCGT21	Metallic locator tape	2" x 1,000 ft. roll
NO.12	PE coated copper #12"	500 ft. roll

Permasert Elbows

Part #	Size	SDR/Wall
50294	1/2" CTS	.090
51620	3/4" IPS	SDR 11
50636	1" IPS	
50325010	1-1/4" IPS	SDR 10
50315	2" IPS	SDR 11

