

POLYETHYLENE PIPE

Polyethylene pipe has been approved for use with propane since 1979. It may be fusion welded or mechanically connected, and used only underground with 30 pounds maximum pressure. Polyethylene piping is a safe and economical method of satisfying industrial, commercial & residential customers' needs for long runs of underground piping. No worry of corrosion.



Size	SDR / Wall Thickness	500' Roll	1000' Roll
1/2" IPS	SDR 9.3; 0.090"	--	PE2406-12
1/2" CTS	SDR 7.0; 0.090"	PE2406-12CTS*	--
250' Roll			
3/4" IPS	SDR 11.0; 0.095"	PE2406-34	PE2406-34-250*
1" IPS	SDR 11.0; 0.119"	PE2406-100	--
1" CTS	SDR 11.5; 0.099"	PE2406-100CTS	PE24061CTS250*
1 1/4" IPS	SDR 10.0; 0.166"	PE2406-114	--
40' Straight Lengths			
2" IPS	SDR 11.0; 0.216"	PE2406-200	PE2406-200-40**
3" IPS	SDR 11.5; 0.304"	PE2406-300	PE2406-300-40**
4" IPS	SDR 11.5; 0.391"	--	PE2406-400-40**
6" IPS	SDR 11.5; 0.567"	--	PE2406-600-40**
8" IPS	SDR 11.5; 0.750"	--	PE2406-800-40**

* UPS shippable package

**Minimum of five 40' lengths. Non stock. FOB factory.

TRACER SPACER

The TracerSpacer is a simple, low cost, snap-on device designed to provide a consistent separation between plastic pipe and its tracer wire.



RMI Part No.	Description
TS 150X6	TRACER SNAP WIRE RETAINER 1-1/2"x6"
TS 2X12	TRACER SNAP WIRE RETAINER 2"x12"
TS 2X6	TRACER SNAP WIRE RETAINER 2"x6"
TS-0.75X6	TRACER SNAP WIRE RETAINER 3/4"x6"
TS-1X2	TRACER SNAP WIRE RETAINER 1"x2"
TS-1X6	TRACER SNAP WIRE RETAINER 1"x6"
TS-1'X6'	TRACER SNAP WIRE RETAINER 1'x6 ft
TS-1-1/4'X2"	TRACER SNAP WIRE RETAINER 1-1/4'x2"
TS-1-1/4'X12"	TRACER SNAP 1-1/4'X12"
TS-1.25X6	TRACER SNAP WIRE RETAINER 1-1/4"x6"
TS-11DX6	TRACER SNAP 1'X6" WITH EFV TAG
TS-2-1/2'X12"	TRACER SNAP 2-1/2'X12"
TS-3/4'X12"	TRACER SNAP 3/4'X12"
TS-3/4'X2"	TRACER SNAP RETAINER 3/4'x2"
TS-3/4'X6"	TRACER SNAP WIRE RETAINER 3/4'x6 ft
TS1-1/2'X12"	TRACER SNAP 1-1/2'X12"
TS050	TRACER SPACER 1/2"
TS075	TRACER SPACER 3/4"
TS100	TRACER SPACER 1"
TS125	TRACER SPACER 1-1/4"
TS200	TRACER SPACER 2"
TS300	TRACER SPACER, 3"
TS400	TRACER SPACER, 4"

POLY COATED TRACER WIRE "COPPERHEAD"

Copperhead Reinforced Tracer Wire, the intelligent choice for tracer wire. Copperhead Reinforced Tracer Wire combines the strength of hi-carbon steel with the conductivity and corrosion resistance of copper through a metallurgical bonding process. The result: a more cost-effective composite with superior performance characteristics over traditional 100% copper wire.

RMI Part No.	Description
14-1	14 gauge poly tracer wire - 500' spool
12-1	12 gauge poly tracer wire - 500' spool
Copperhead Tracer Wire	
14-1-CCS	14 gauge tracer wire - 500' spool
12-1-CCS	12 gauge tracer wire - 500' spool
90120	GEL-LUG



LOCATOR TAPE & FLAGS "CAUTION GAS LINE BELOW"

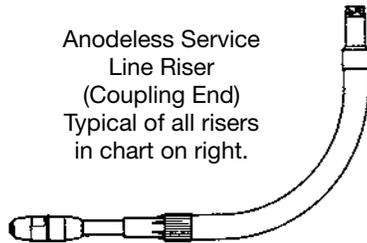


Bury locator tape 6" below grade directly above polyethylene pipe. Metallic and non-metallic tape is available.

RMI Part No.	Description
GT-3	Metallic Locator Tape
NT-3	Non-metallic Locator Tape
CST-3	3" Non-metallic Yellow Tape w/"Caution" Marking Only
78-004	Yellow marking flags, 4" x 5" - 100 Count

ANODELESS SERVICE LINE PERMASERT MECHANICAL RISERS

Perfection anodeless riser with Permasert coupling installed, which allows for fast, easy, and reliable mechanical connection.



Anodeless Service Line Riser (Coupling End)
Typical of all risers in chart on right.



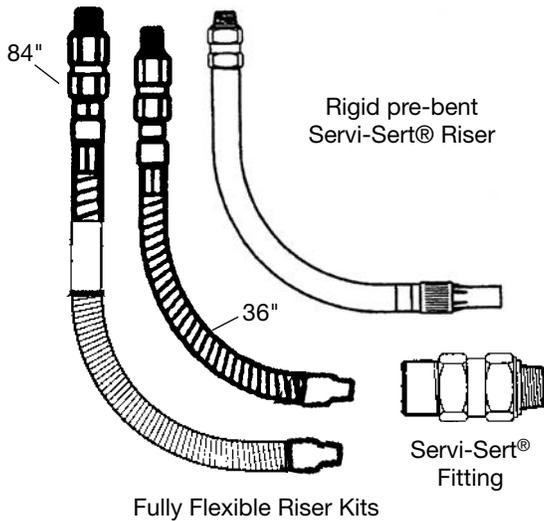
Anodeless w/ Permasert 30" Vert. x 24" Horiz.	Anodeless w/ Permasert 18" Vert. x 18" Horiz. (For underground tanks)	Size	
		Plastic (Inlet)	Pipe (Outlet)
77253	77205	1/2" CTS	1/2"
75192*	77195**	1/2" CTS	3/4"
79206*	--	3/4" IPS	3/4"
77120*	--	1" CTS	3/4"
78442*	--	1" IPS	1"
75901*	--	1 1/4" IPS	1 1/4"
75906*	--	2" IPS	2"

* IAPMO listed version; required in Canada.

** Also available in 22" Vert. x 18" Horiz. (Part # 77201)

PIPING

ANODELESS SERVI-SERT FIELD-ASSEMBLED RISERS W/ LINERS



Rigid pre-bent Servi-Sert® Riser

Fully Flexible Riser Kits

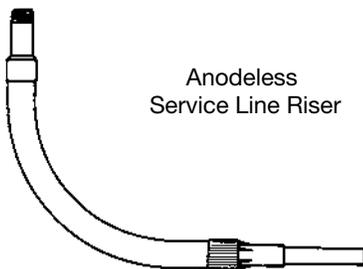
Riser allows the installer to run the polyethylene pipe to a Permasert connector located at the service head adapter. Choice of pre-bent epoxy coated pipe, flexible with stub riser, or fully flexible kit. Complies with NFPA-58, 1995 Edition and CAN/CGA-B149.2-M95. The fully flexible riser kit can be used to connect the plastic service line to the tank. No more need to have a coupling, fusion, transition or copper fitting below ground.

Fully Flexible Riser Kit*			Stub Flexible Riser w/ Liner		Rigid Pre-Bent Riser w/ Liner		Servi-Sert Fitting**	Size	
36"	60"	84"	36" Flex w/ Nipple	30" Vert. x 24" Horiz.		Plastic		Pipe	
71354	--	71353	71351	71350	71110	1/2" CTS	1/2"		
71356	--	71355	71463	71453	71100	1/2" CTS	3/4"		
71410	71411	71412	71721	71304	71161	3/4" IPS	3/4"		
--	--	--	71731		71160	1" IPS	1"		
--	--	--	71600	71720	71151	1" CTS	1"		

* Conforms to requirements of NFPA58.

** Servi-Sert fitting for use with pipe only. Not used with risers.

ANODELESS RISERS



Anodeless Service Line Riser

Service risers are pre-bent to 30" vertical x 24" horizontal. Anodeless risers require no cathodic protection, since the outside epoxy coated casing is not the gas carrier—plastic runs all the way through. Risers and transition fittings can be used with mechanical or fusion fittings



Transition Fitting

TRANSITION FITTINGS

Transition fitting is epoxy coated and should be cathodically protected.

Size		Anodeless Riser 30" Vert. x 24" Horiz.	Transition Fittings Straight 18"
Pipe	Plastic		
1/2"	1/2" IPS	--	TF-12X12
1/2"	1/2" CTS	--	TF-12X12CTS
3/4"	1/2" IPS	TRA-34X12	TF-34X12
3/4"	1/2" CTS	TRA-34X12CTS	TF-34X12CTS
3/4"	3/4" IPS	TRA-34X34	TF-34X34
3/4"	1" CTS	TRA-34X100CTS**	TF-34X100CTS
1"	3/4" IPS	TRA-100X34	--
1"	1" IPS	TRA-100X100	TF-100X100
1"	1" CTS	TRA-100X100CTS**	TF-100X100CTS
1 1/4"	1 1/4" IPS	TRA-114X114	TF-114X114
2"	2" IPS	TRA-200X200*	TF-200X200
3"	3" IPS	TRA-300X300*	TF-300X300
4"	4" IPS	TRA-400X400*	TF-400X400

* Stub risers—with fused polyethylene 90° elbow and polyethylene pipe pigtail. ** Non Stock

PE100 PERMASERT MECHANICAL COUPLINGS

Perfection offers a complete, mechanically joined polyethylene LP gas distribution system that complies with NFPA-58. In addition, the Perfection line of products meet or exceeds the applicable requirements of:

ASTM D-2513; US DOT Part 192; CSA B137.4 and IAPMO.

New PE100 material fused on all Perfection fittings offer several significant performance enhancements including ability to join PE2406 and PE3408 pipe, superior resistance to Rapid Crack Propagation and superior resistance to Slow Crack Growth. PE100 has been used around the world for over 20 years.

The heart of the system is the non-corrosive mechanical fitting. These fittings are available in sizes 1/2" & 1" CTS; 1/2" through 8" IPS.

The mechanical coupling makes service line installations safe and simple. The coupling is not only "pull-out proof", it is also incredibly easy to install.

The self-contained steel stiffener guarantees proper alignment, provides support, and further promotes sealing power and pullout resistance.

NOTE: Installer must be certified.



Permasert® Mechanical Coupling



Coppersert™ Transition Coupling

MECHANICAL COUPLING

RMI Part No.	PE Pipe Size	SDR Size	Wall Thickness
50100	1/2" CTS	SDR7	0.090"
50701A	1/2" IPS	SDR9.3	0.090"
50030	3/4" IPS	SDR11	0.095"
50103	1" CTS	SDR11.5	0.099"
50601	1" IPS	SDR11	0.119"
50035010	1 1/4" IPS	SDR10	0.166"
50314	2" IPS	SDR11	0.216"

COPPERSERT COPPER TO PE FITTING

RMI Part No.	PE Pipe Size	Copper Size	Wall Thickness
41007	1/2" CTS	3/8" O.D.	0.090"
41013	1/2" CTS	1/2" O.D.	0.090"
41002	1/2" CTS	5/8" O.D.	0.090"
41130	3/4" IPS	5/8" O.D.	0.090"
41150	1" CTS	5/8" O.D.	0.090"
41153	1" CTS	1/2" O.D.	0.090"

PIPING

RMI Part No.	Size	SDR/Wall	Size	SDR/Wall
50751	1/2" CTS	SDR7.0 (0.090")	1/2" IPS	SDR9.3 (0.090")
50969	1/2" CTS	SDR7.0 (0.090")	3/4" IPS	SDR11 (0.095")
50149	1/2" CTS	SDR7.0 (0.090")	1" CTS	SDR11.5 (0.099")
50641	1/2" CTS	SDR7.0 (0.090")	1" IPS	SDR11 (0.119")
50756	1/2" IPS	SDR9.3 (0.090")	3/4" IPS	SDR11 (0.095")
50148	3/4" IPS	SDR11 (0.095")	1" CTS	SDR11.5 (0.099")
51432	3/4" IPS	SDR11 (0.095")	1" IPS	SDR11 (0.119")
50195010	3/4" IPS	SDR11 (0.095")	1 1/4" IPS	SDR10 (0.166")
50623	1" CTS	SDR11.5 (0.099")	1" IPS	SDR11 (0.119")
50192	1" CTS	SDR11.5 (0.099")	1 1/4" IPS	SDR10 (0.166")
50343010	1" IPS	SDR11 (0.119")	1 1/4" IPS	SDR10 (0.166")
50333010	1 1/4" IPS	SDR10 (0.166")	2" IPS	SDR11 (0.216")

PE100 REDUCING COUPLINGS



Permasert® Reducing Coupling

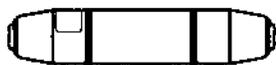
PE100 WYES & REDUCING WYES

- Creates a "branch" in each dwelling service line for the installation of multiple service lines.
- Use of a blind end cap allows installation of a full piping system to a housing development.



RMI Part No.	Description	Size	SDR/Wall
51702	WYE	1/2" CTS	.090
51701Y	WYE w/blind end caps	1/2" CTS	.090
51704Y	WYE	1 CTS	.099
51766Y	Reducing WYE	3/4" IPS X 1/2" CTS	.090

PE100 REPAIR COUPLINGS



Permasert® Repair Coupling

Locate and inspect a damaged pipe and simply and easily repair damaged section with size of coupling required. No need for fusion, welding, or taping. Save on repair time.

RMI Part No.	Size	Length	SDR / Wall Thickness
50056	1/2" CTS	12"	SDR7 (0.090")
50740	1/2" IPS	12"	SDR9.3 (0.090")
50175	3/4" IPS	12"	SDR11 (0.095")
50172	1" CTS	12"	0.099" / 0.103"
50640	1" IPS	13"	SDR11 (0.119")
50320100	1 1/4" IPS	13 3/4"	SDR10 (0.166")
50341*	2" IPS	15 1/2"	SDR11 (0.216")

*IMPORTANT: 1 1/4" and 2" have special installation instructions provided on packaging.

PE100 BLIND END CAPS / STUBS



Permasert® Blind End Cap/Stub

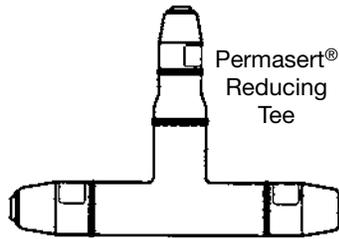
Used to safely shut off service or to close the end of a service line. Only open end of "stub" is functional. Both ends of blind "cap" may be used as a coupling.

RMI Part No.	Size	SDR / Wall	Type
50016	1/2" CTS	0.090"	Cap
50716	1/2" IPS	0.090"	Cap
50026	3/4" IPS	SDR11	Cap
50045	1" CTS	0.099"/ 0.103"	Cap
50033	1 1/4" IPS	SDR10	Cap
50317	2" IPS	SDR11	Cap
50612	1" IPS	SDR11	Stub

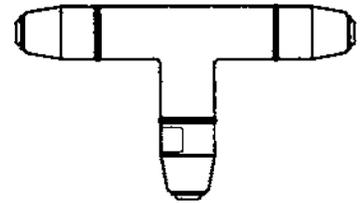


PE100 PERMASERT MECHANICAL TEE COUPLINGS

Remarkably easy to use. Available in same size Tee or a 3-way reducing configuration. Same lasting grip as in mechanical couplings. No need for tools, fusion or wrenches.



Permasert®
Reducing
Tee



Permasert®
Straight Tee

PE100 REDUCING TEES

RMI Part No.	Size	SDR / Wall	Size	SDR / Wall	Size	SDR / Wall
50731	1/2" IPS	SDR 9.3	1/2" IPS	SDR 9.3	1/2" CTS	0.090"
51335	1/2" CTS	0.090"	1/2" CTS	0.090"	1" CTS	0.090"
50461	3/4" IPS	SDR 11	3/4" IPS	SDR 11	1/2" CTS	0.090"
50632	1" IPS	SDR 11	1" IPS	SDR 11	1/2" CTS	0.090"
50451	1" CTS	0.099"/ 0.103"	1" CTS	0.099"/ 0.103"	1/2" CTS	0.090"
50635	1" IPS	SDR 11	1" IPS	SDR 11	3/4" IPS	SDR 11
51325	1 1/4" IPS	SDR 10	1 1/4" IPS	SDR 10	3/4" IPS	SDR 11
50328100	1 1/4" IPS	SDR 10	1 1/4" IPS	SDR 10	1" CTS	0.099"/ 0.103"
50348100	2" IPS	SDR 11	2" IPS	SDR 11	1" CTS	0.099"/ 0.103"
51323100	2" IPS	SDR 11	2" IPS	SDR 11	1 1/4" IPS	SDR 10

PE100 STRAIGHT TEES

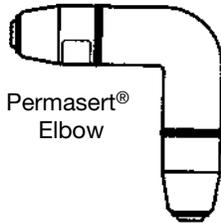
RMI Part No.	Size	SDR / Wall
50199	1/2" CTS	0.090"
50730100	1/2" IPS	SDR 9.3
50929	3/4" IPS	SDR 11
50292	1" CTS	0.099"/ 0.103"
50634	1" IPS	SDR 11
50327010	1 1/4" IPS	SDR 10
50316	2" IPS	SDR 11

PIPING



PE100 PERMASERT 90° ELBOW COUPLING

As with other Perfection mechanical connections, elbows are easy to use and reliable. No tools or fusion are required.



Permasert®
Elbow

RMI Part No.	Size	SDR / Wall
50294	1/2" CTS	0.090"
50732100	1/2" IPS	SDR 9.3
51620	3/4" IPS	SDR 11
51333	1" CTS	0.099"/ 0.103"
50636	1" IPS	SDR 11
50325010	1 1/4" IPS	SDR 10
50315	2" IPS	SDR 11

PERFECTION EFV VALVES

To help accomplish this fundamental task, more and more utilities are taking safeguards to minimize occurrences of blowing gas due to pipe line breaks caused by third party damage and natural disasters. And the easiest, most dependable, and economical way is with an EFV excess flow valve from Elster Perfection.



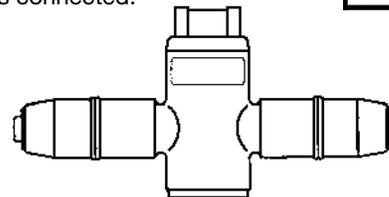
RMI Part No.	Description
51474	1/2" CTS Coupling w/EFV
50584	3/4" IPS Coupling w/EFV
51476	1" CTS Coupling w/EFV
51636	1" IPS Coupling w/EFV

*Other configurations available



PE100 PERMASERT SHUT-OFF VALVES

Polyethylene shut-off valve is compatible with all PE gas distribution systems. Valve is rated equivalent to the maximum allowable operating pressure of PE piping to which it is connected.



Permasert®
Polyethylene
Shut-off Valve

RMI Part No.	Size	SDR / Wall
45051	1/2" CTS	0.090"
45100	3/4" IPS	SDR 11
45071	1" CTS	0.099"/ 0.103"
45200	1" IPS	SDR 11
45170100	1 1/4" IPS	SDR 10
46011	2" IPS	SDR 11

PERMASERT ASSEMBLY ASSIST TOOLS

Assist tool allows for easy installation of 1 1/4" and 2" Permasert fittings.

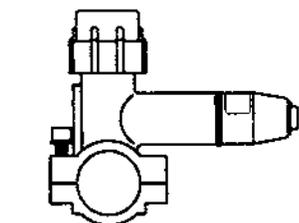
RMI Part No.	Description
51055	1 1/4" Assist Tool
51050	2" Assist Tool



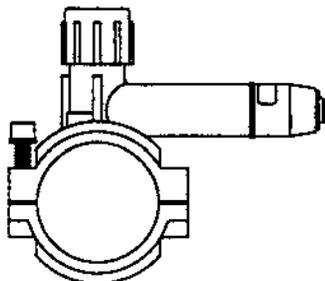
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PERFECTION PERMALOCK SELF TAPPING TEE

Permalock mechanical tapping tee provides a simple gas tight, non-heat fusion polyethylene service line connection. No special tools required for installation. (Standard socket set and Allen wrenches needed.)



Permalock® Mechanical Tapping Tee
1 1/4" & 2" IPS



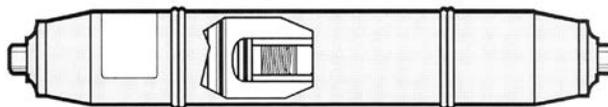
Permalock® Mechanical Tapping Tee
4" IPS

RMI Part No.	Main Size	Outlet*	SDR / Wall
54201	1 1/4" IPS	1/2" CTS	0.090"
55702	2" IPS	1/2" CTS	0.090"
55901	2" IPS	3/4" IPS	SDR 11
55951A	2" IPS	1" IPS	SDR 11
55990	2" IPS	2" IPS	SDR 11
54102	3" IPS	1/2" CTS	0.090"
54150	3" IPS	2" IPS	SDR 11
55902	4" IPS	3/4" IPS	SDR 11
55992	4" IPS	2" IPS	SDR 11

* Outlet is a Permasert mechanical fitting.

IN-LINE EXCESS FLOW VALVE

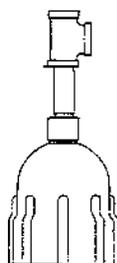
Permasert couplings with built-in excess flow valve meets the requirements for jurisdictional piping systems under US DOT CFR Title 49, Part 192.381. Used primarily at each branch off a main line feeding a residence or small commercial building.



RMI Part No.	Permasert Coupling	Excess Flow Rate	
		SCFH Propane	BTU Propane
51474	1/2" CTS.SDR 0.090	250	630,000
50584	3/4" IPS SDR 11.0	250	630,000



PRESSURE TEST CAP AND TOOL KIT



55651

Adaptor threads to top of saddle tee for testing branch line.

HANDLEY FUSION UNDERGROUND SERVICE VALVE



Wrench



Curb Box

WRENCHES FOR VALVES

RMI Part No.	Valve Size	Description
PWCBL3.5	3/4" - 3"	Wrench for curb box lid
SRVW15	3/4" - 1 1/4"	15" Rod wrench for valve
SRVW24	3/4" - 1 1/4"	24" Rod wrench for valve

CURB BOXES

RMI Part No.	Description	Valve Size	Adj. Height
445-S	Curb Box w/support	1/2" - 1 1/4"	24"
445-L	Curb Box	2"	24"
445EXT	15" Extension for 445-S	-	--
GHA4-3	4" ID Heavy Duty	2" - 3"	32" - 44"
GHAB6-3	6" ID Heavy Duty	4"	32" - 44"



PERMASERT® XL LARGE DIAMETER MECHANICAL COUPLINGS



RMI Part No.	Size
55161	2" IPS - SDR 11
55131	3" IPS - SDR 11/11.5
55101	4" IPS - SDR 11/11.5
55182	6" IPS - SDR 11.5
55196	8" IPS - SDR 11.5

ELECTROFUSION MACHINE AND EQUIPMENT

Electrofusion is an automated method of joining PE pipe with integral heating elements. Electrofusion offers several advantages over traditional heat fusion procedures. Electrofusion will create a fusion that is stronger than the surrounding pipe. While using a computerized processor to determine the fusion requirements of the particular fitting - removes "human" element. If anything interferes with the completion of the fusion joint, the processor will detect the problem and alert the operator. The processor allows for documentation that every fusion was completed properly. Ray Murray, Inc. offers a full line of electrofusion equipment and fittings - contact RMI for assistance in laying out and quoting of your job.

ELECTROFUSION MACHINE

- Robust, cast aluminum housing
- Intuitive user guidance menu
- Protective transport box and pouch for barcode pen
- USB interface for memory download and software update
- Prevention of electrical damage
- Clear and explicit error messages
- Worldwide training, support and service network
- Water resistant design to IP54 standards



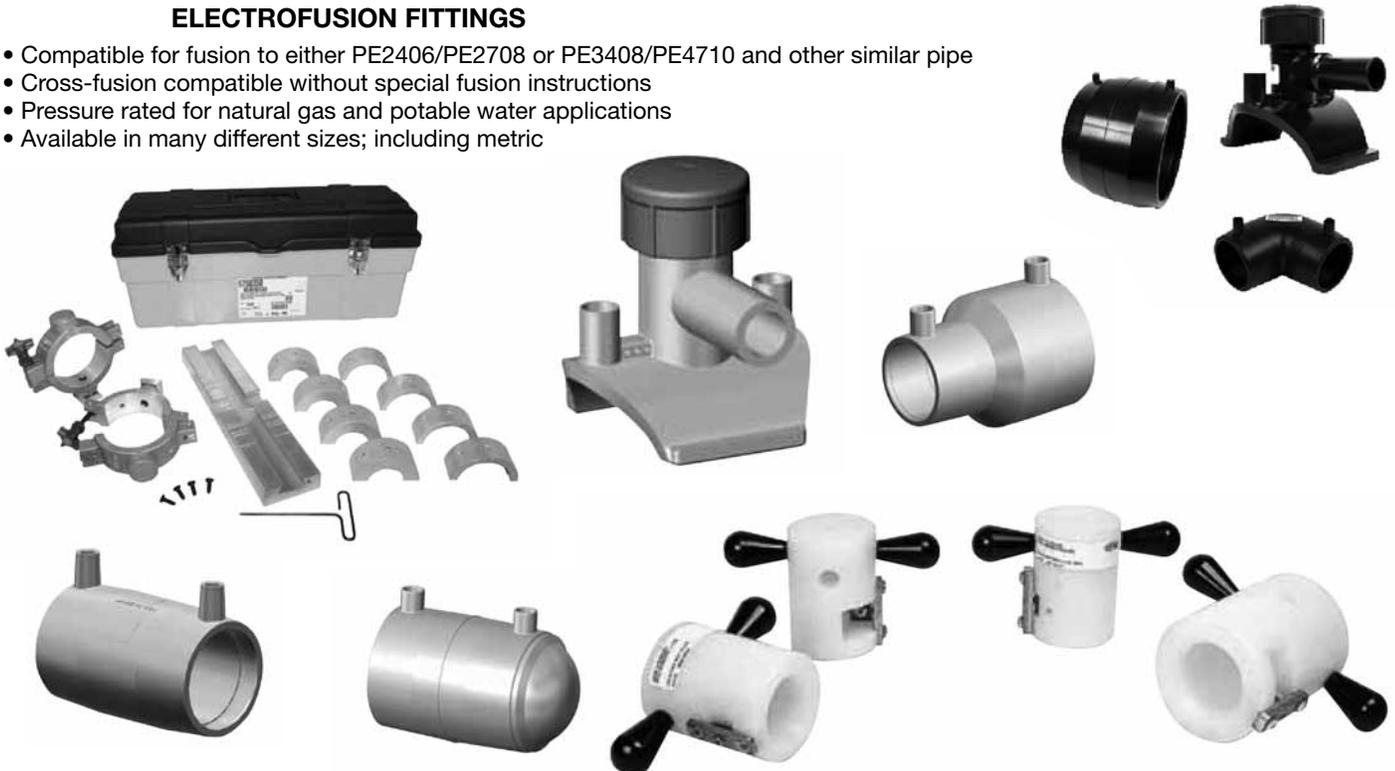
PIPING

RMI Part No.	Description
MSA340	Easy Fuse 115V Electrofusion machine w/GPS

RAY MURRAY, INC. OFFERS A FULL LINE OF ELECTROFUSION EQUIPMENT AND FITTINGS – CONTACT RMI FOR ASSISTANCE IN LAYING OUT AND QUOTING OF YOUR JOB.

ELECTROFUSION FITTINGS

- Compatible for fusion to either PE2406/PE2708 or PE3408/PE4710 and other similar pipe
- Cross-fusion compatible without special fusion instructions
- Pressure rated for natural gas and potable water applications
- Available in many different sizes; including metric



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Tel: 800-628-5044

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 Order online at www.raymurray.com
 or call for personal assistance

Fax: 800-243-8341

SOCKET FUSION FITTINGS / REDUCER COUPLINGS

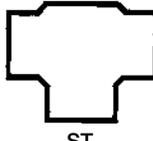
"Highest Quality"... Meets ANSI & ASTM standards and requirements.



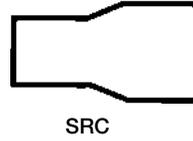
SC



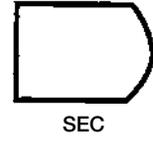
SL



ST



SRC



SEC

Size/ Style	RMI Part No.						RMI Part No.	
	IPS x IPS Couplings						CTS x CTS Couplings	
	1/2" IPS	3/4" IPS	1" IPS	1 1/4" IPS	2" IPS	3" IPS	1/2" CTS	1" CTS
Coupling	SC-12	SC-34	SC-100	SC-114	SC-200	SC-300	SC-12CTS	SC-100CTS
90° Elbow	SL-12	SL-34	SL-100	SL-114	SL-200	SL-300	SL-12CTS	SL-100CTS
Tee	ST-12	ST-34	ST-100	ST-114	ST-200	ST-300	ST-12CTS	ST-100CTS
End Cap	SEC-12	SEC-34	SEC-100	SEC-114	SEC-200	SEC-300	SEC-12CTS	SEC-100CTS
IPS x CTS Reducer Couplings								
1/2" CTS	SRC-12X12CTS	SRC-34X12CTS	SRC-100X12CTS	SRC-114X12CTS	--	--	--	SRC-100CX12CT
1" CTS	--	--	--	SRC-114X100CT	SRC-200X100CT	--	--	--
IPS x IPS Reducers								
1/2" IPS	--	SRC-34X12	SRC-100X12	SRC-114X12	--	--	--	--
3/4" IPS	--	--	SRC-100X34	SRC-114X34	--	--	--	--
1" IPS	--	--	--	SRC-114X100	SRC-200X100	--	--	--
1 1/4" IPS	--	--	--	--	SRC-200X114	--	--	--
2" IPS	--	--	--	--	--	SRC-300X200	--	--

IPS = Iron Pipe Size (An I.D. measurement)

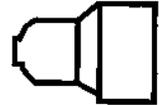
CTS = Copper Tubing Size (An O.D. measurement)

BUTT FUSION FITTINGS / REDUCER COUPLINGS (IPS ONLY)

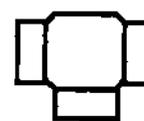
Size/Style	RMI Part No.						
	IPS x IPS Couplings						
	3/4" IPS	1" IPS	1 1/4" IPS	2" IPS	3" IPS	4" IPS	6" IPS
90° Elbow	BL-34	BL-100	BL-114	BL-200	BL-300	BL-400	BL-600
Tee	BT-34	BT-100	BT-114	BT-200	BT-300	BT-400	BT-600
End Cap	BEC-34	BEC-100	BEC-114	BEC-200	BEC-300	BEC-400	BEC-600
IPS x IPS Reducer Couplings							
3/4" IPS	--	BRC-100x34	--	--	--	--	--
1" IPS	--	--	BRC-114x100	--	--	--	--
1 1/4" IPS	--	--	--	BRC-200x114	--	--	--
2" IPS	--	--	--	--	BRC-300x200	BRC-400x200	BRC-600x200



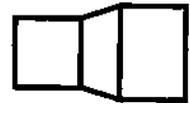
BL



BEC



BT



BRC

BUTT FUSION TOOL KIT



Kit includes: BS-4 Machine, 1 1/4", 2", and 3" BS-4 liners, electric trimmer, model 4 heater and heater faces, heater muff, job cart

RMI Part No.	Description
BS4-K	Butt Fusion Tool Kit; 1 1/4"-4"

Rental unit available

TOOLS FOR 3" PE PIPE

Tools to make fabrication of 3" pipe easier.



109-400



PPS12



TC4QP

RMI Part No.	Description
109-400	3" Chamfer Tool
PPS12	Plastic Pipe Saw
TC4QP	3" Plastic Pipe Cutter

ELECTRIC HEATING TOOL

Thermostatically heats to 500 degrees. Requires 115 volts. Extension handle is available for easier fusion.



EB3000 w/EB0000

RMI Part No.	Description	Pipe Size
EB3000	Model 2 Electric Fusion, 1000 watts	1/2"-2"
EB0000	Extension handle, Models 2 & 4	--

HEATER MUFF

For keeping the heating tool warm between fusions. Excellent protection for the fusion faces to prevent any damage during use.



RMI Part No.	Item
HM3000	Heater Muff

HEATER SOCKET FUSION FACES

Required on the EB3000 and HH3000 for each size pipe.

RMI Part No.	Pipe Size
SP2620CTS	1/2" CTS
SP2750	3/4" IPS
SP2010	1" IPS
SP2110CTS	1" CTS
SP2120	1 1/4" IPS
SP2020	2" IPS



SP2750

COLD RING

Used for rounding out pipe and prevents the socket fitting from sliding on to the pipe too far. One for each size pipe is required.



CR0020

CR0750



RMI Part No.	Pipe Size
CR0620CTS	1/2" CTS
CR0750	3/4" IPS
CR0010	1" IPS
CR0110CTS	1" CTS
CR0120	1 1/4" IPS
CR0020	2" IPS

CHAMFERING TOOL DEPTH GAUGE COMBINATION



DGCH34

Handy tool for accurate sizing to proper depth on pipe. One tool is required for each size of pipe.

RMI Part No.	Pipe Size	Description
DGCH12CTS	1/2" CTS	Chamfer tool / Depth Gauge
DGCH34	3/4" IPS	Chamfer tool / Depth Gauge
DGCH100	1" IPS	Chamfer tool / Depth Gauge
DGCH100CTS	1" CTS	Chamfer tool / Depth Gauge
DGCH114	1 1/4" IPS	Chamfer tool / Depth Gauge
DGCH200	2" IPS	Chamfer tool / Depth Gauge

SHEARS

Ratchet type to clean cut plastic pipe up to 2".



55190



SHEARS



SHEARS-2

RMI Part No.	Description
55190	Plastic cutter 1/2" - 1"
SHEARS	1/2" - 1 1/4" Plastic pipe shears
SHEARS-2	1/2" - 2" Plastic pipe shears
BLADE	Replacement blade for SHEARS
BLADE-2	Replacement blade for SHEARS-2

PERMASERT CHAMFER TOOLS

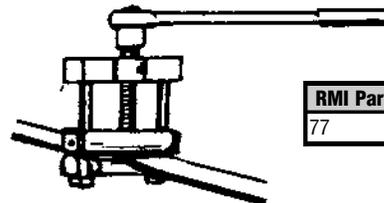
Chamfering tool permits the tubing to be completely stabbed without damaging the internal seals on Permasert connectors.



RMI Part No.	Description
51005	1/2" CTS x 1" CTS Chamfer Tool
51006	1/2" IPS x 3/4" IPS
51028002	1" IPS x 1 1/4" IPS
51040	2" IPS Chamfer Tool
51016	1/2" CTS x 3/4" IPS

PLASTIC PIPE SHUT-OFF TOOL

Designed to stop gas flow at any accessible point. Useable up to 2" PE Pipe.



RMI Part No.	Description
77	1/2" - 2" Shut-off Tool