



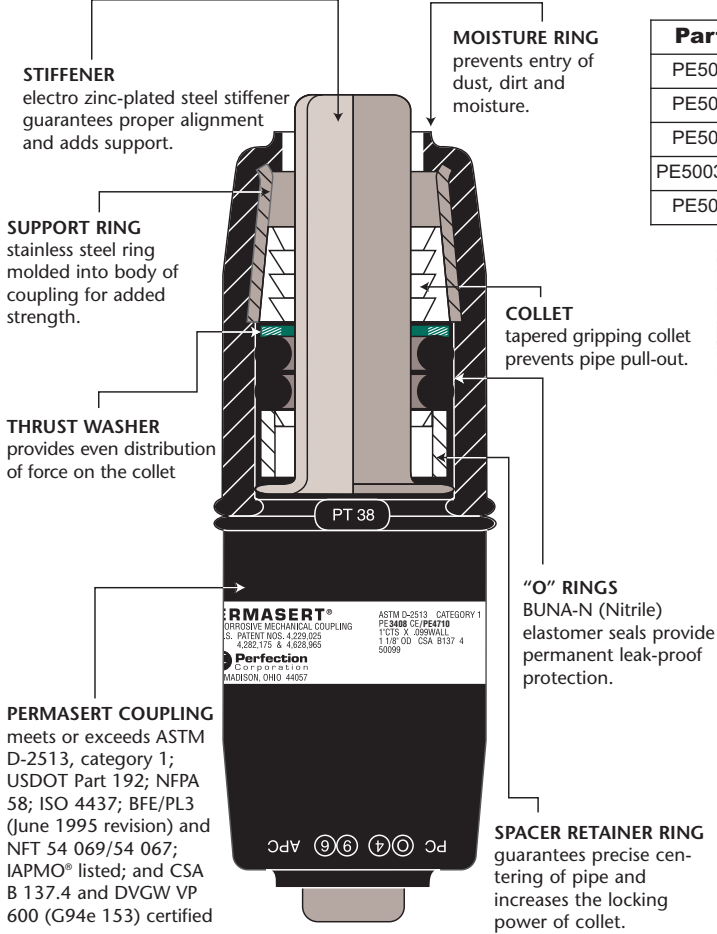
RESIDENTIAL/COMMERCIAL

Quick Reference Guide For Perfection Permasert® Polyethylene Mechanical Fittings and Risers

Make sure you are thoroughly trained before you attempt any installations. Gas Equipment Company can provide Perfection Permasert® training for all of your employees. 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 |
|------------|----------|----------|
| PE50100 | ½" CTS | .090" |
| PE50030 | ¾" IPS | SDR 11 |
| PE50601 | 1" IPS | |
| PE50035010 | 1 ¼" IPS | SDR 10 |
| PE50314 | 2" IPS | SDR 11 |



Coppersert™ Copper to PE Fittings

| Part # | Size |
|---------|------------------|
| PE41007 | ½" CTS x ¾" OD |
| PE41013 | ½" CTS x ½" OD |
| PE41002 | ½" CTS x 5/8" OD |
| PE41130 | ¾" IPS x 5/8" OD |



Permasert Three-Way Tees

| Part # | Size | SDR/Wall |
|------------|----------|----------|
| PE50199 | ½" CTS | .090" |
| PE50929 | ¾" IPS | SDR 11 |
| PE50634 | 1" IPS | |
| PE50327010 | 1 ¼" IPS | SDR 10 |
| PE50316 | 2" IPS | SDR 11 |



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

| Part # | Outlet | Inlet | Overall Length |
|---------|---------|------------------|----------------|
| PE71353 | ½" MNPT | ½" CTS Poly Pipe | 84" |
| PE71354 | | | 36" |
| PE71355 | ¾" MNPT | ¾" IPS Poly Pipe | 84" |
| PE71356 | | | 36" |
| PE71412 | | | 84" |
| PE71410 | | | 36" |
| PE71411 | | | 60" |

Servi-Sert® Replacement Service Head Adaptors

| Part # | Outlet | Inlet | Service head adaptors ONLY |
|---------|---------|--------|----------------------------|
| PE71110 | ½" MNPT | ½" CTS | Service head adaptors ONLY |
| PE71100 | ¾" MNPT | ¾" IPS | |
| PE71161 | | | |

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



Anodeless Service Line Risers Permasert Mechanical Ends

| Part # | Outlet | Inlet | SDR/Wall | Vertical | Horizontal |
|---------|----------|----------|----------|----------|------------|
| PE77205 | ½" IPS | ½" CTS | .090" | 18" | 18" |
| PE77181 | ¾" IPS | | | 30" | 24" |
| PE77195 | | 18" | 18" | | |
| PE77201 | | 22" | 18" | | |
| PE79354 | | ¾" IPS | SDR 11 | | |
| PE79350 | 1" IPS | 1" IPS | | 30" | 24" |
| PE75901 | 1 ¼" IPS | 1 ¼" IPS | | | |
| PE75906 | 2" IPS | 2" IPS | SDR 11 | | 15" |



Cable Hound UG Line Locator

| Part # | Description |
|---------|---|
| 99-0118 | Transmitter, DSP Receiver, Tone Probe, Ground Rod, CH Headphones, and Carrying Case |



Permasert Reducing Couplings

| Part # | Size | SDR/Wall | Size | SDR/Wall |
|------------|----------|----------|----------|-------------|
| PE50149 | ½" CTS | .090" | 1" CTS | .090"/.103" |
| PE50969 | 1" IPS | SDR 11 | ¾" IPS | SDR 11 |
| PE51432 | | | 1" IPS | |
| PE50195010 | 1 ¼" IPS | SDR 10 | 1" IPS | SDR 11 |
| PE50343010 | | | 1 ¼" IPS | |
| PE50333010 | | | 2" IPS | |



Locator Tape and Wire

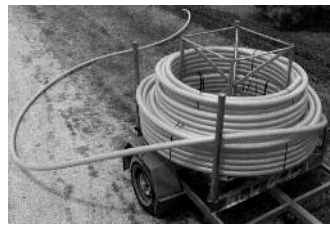
Tracer tape should be placed in trench a minimum of 6" above polyethylene pipe. The metallic tape allows for easy location of plastic pipe with metal detector.

| Part # | Description | Coil Length |
|--------------|--|---------------------|
| MAGNATEC | Metallic locator tape | 2" x 1,000 ft. roll |
| TW-500#14-CH | PE coated copper #14" | 500 ft. roll |
| TW-MENDER#14 | Tracer wire connector for #14 wire (Bag of 10) | - |



Polyethylene Piping

| Part # | Description | Coil Length | I.D. | Nominal O.D. | SDR | Minimum Wall Thickness |
|-----------------|------------------------------------|-------------|------|--------------|-----|------------------------|
| 012-CTS-500FT | Medium density polyethylene piping | 500 ft. | ½" | 0.625" | 7 | .090" |
| 034-IPS-500FT | | | ¾" | 1.050" | 11 | .095" |
| 100-IPS-500FT | | | 1" | 1.315" | | .120" |
| 114-IPS-M-500FT | | | 1 ¼" | 1.660" | | .166" |
| 200-IPS-M-250FT | | | 2" | 2.375" | | .216" |



Repair Couplings

| Part # | Size | SDR/Wall | Length |
|------------|----------|----------|--------|
| PE50056 | ½" CTS | .090" | 12" |
| PE50175 | ¾" IPS | SDR 11 | |
| PE50640 | 1" IPS | SDR 10 | 13" |
| PE50320100 | 1 ¼" IPS | | |
| PE50341 | 2" IPS | SDR 11 | 15" |

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 |
|----------|----------------------|----------------------|-----------------------|
| PE700004 | Transition, threaded | ½" MNPT x ½" CTS | 16 ½" |
| PE700205 | | ¾" MNPT x ½" CTS | 16" |
| PE700802 | | ¾" MNPT x ¾" IPS | 17" |
| PE707202 | | 1" MNPT x 1" IPS | 17" |
| PE702204 | | 1 ¼" MNPT x 1 ¼" IPS | 16 ½" |
| PE702602 | | 2" MNPT x 2" IPS | 18 ½" |



Permasert Blind End Caps

Caps: stop & go - both ends functional

| Part # | Size | SDR/Wall |
|---------|----------|----------|
| PE50016 | ½" CTS | .090" |
| PE50026 | ¾" IPS | SDR 11 |
| PE50033 | 1 ¼" IPS | SDR 10 |
| PE50317 | 2" IPS | SDR 11 |



Tools and Accessories

| Part # | Description | Size |
|---------|-----------------|-----------------|
| PE51017 | Chamfering tool | ½" CTS x ¾" IPS |
| PE51009 | | ¾" IPS x 1" IPS |
| PE51028 | | 1 ¼" IPS |
| PE51040 | Plastic cutter | 2" IPS |
| PE55225 | | ½" x 1 ¼" |
| PE55227 | | ¾" x 2" |

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

Permasert Elbows

| Part # | Size | SDR/Wall |
|------------|----------|----------|
| PE50294 | ½" CTS | .090" |
| PE51620 | ¾" IPS | SDR 11 |
| PE50636 | 1" IPS | |
| PE50325010 | 1 ¼" IPS | SDR 10 |
| PE50315 | 2" IPS | SDR 11 |



Permasert Three-Way Reducing Tees

| Part # | Size | SDR/Wall | Size | SDR/Wall | Size | SDR/Wall |
|------------|----------|----------|----------|----------|--------|----------|
| PE50461 | ¾" IPS | SDR 11 | ¾" IPS | SDR 11 | ½" CTS | .090" |
| PE50635 | 1" IPS | | 1" IPS | | ¾" IPS | |
| PE50557 | 1 ¼" IPS | SDR 10 | 1 ¼" IPS | SDR 10 | 1" IPS | SDR 11 |
| PE51283 | 2" IPS | SDR 11 | 2" IPS | SDR 11 | | |
| PE51323100 | | | | | | |



IMPORTANT NOTE: Make certain your fitting's SDR (Standard Dimensional Ratio) matches the pipe's SDR. **NOTE:** IPS = Iron Pipe Size CTS = Copper Tube Size



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