Flash Shield™
ENHANCED PROTECTION

Metallically-Shielded Flexible Gas Piping System

PRODUCT CATALOG

Commercial | Industrial | Residential

XR3 A FITTING SOLUTION™

Gastite®

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Corrugated stainless steel tubing has revolutionized the gas-distribution business virtually rendering conventional black iron pipe obsolete. Back-breaking iron-pipe that demands eight or ten laborers for all the lugging, cutting and threading can now be handled with ease by only one or two certified CSST installers – freeing up precious labor for other tasks that will keep your project moving forward. Meanwhile, lightweight and flexible metallically-shielded FlashShield flexible gas piping will slash installation time up to 70%.

Our job at Gastite is to make your job easier – and more profitable – by providing products and services that are second to none in our industry.

CONTACT INFORMATION

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FLASHSHIELD™ – SAFETY IN LAYERS, WITHOUT ADDITIONAL BONDING

PRODUCT DESCRIPTION:

FlashShield™ is CSA design certified to ANSI LC1 for "Fuel Gas Piping Systems Using Corrugated Stainless Steel Tubing (CSST)" and ICC-ES PMG LC1027 for protective jacketed CSST. CSST supplies natural gas or liquefied petroleum gas (LP gas) to appliances. Simple hand tools such as tubing cutters, wrenches and the Jacket Stripping Tool are all that are needed to work with the FlashShield components. FlashShield is a reliable, cost-effective system that can be installed in all modes of construction: residential, commercial and industrial; new construction and retrofits.

FlashShield is a patent-pending metallically-shielded flexible gas piping system designed to create a lightning-resistant system. We started with a unique layer of metal shield, which is designed to dissipate heat and electricity. Then we placed the shield between two jackets of semi-conductive polymer. To complete the system, we redesigned our fittings to ensure seamless continuity with the shield. XR3 fittings are designed with a patent pending feature that contours the metal shield. This creates electrical continuity throughout the system. The FlashShield system eliminates the manufacturer's requirement for direct bonding. The XR3 fitting requires minimal torque for easy fitting installation. With no o-rings or gaskets, the reusable brass components provide a reliable metal-to-metal gas-tight seal.

Recognized as a fuel gas piping material, FlashShield CSST listed to ANSI LC1 for "Fuel Gas Piping Systems Using Corrugated Stainless Steel Tubing (CSST)" and ICC-ES PMG LC1027 for protective jacketed CSST.

The FlashShield system is recognized by model building codes throughout North America.

FEATURES & BENEFITS:

- Metallically-shielded gas piping system.
- Metal shield layer dissipates electricity.
- New fittings provide continuity with metal shield.
- No manufacturer-required direct bonding.
- No special routing requirements or restrictions.
- Only product that meets strict criteria of ICC-ES PMG LC1027
- Flexibility means quick and easy installations. FlashShield installs up to 70% faster than traditional piping methods.
- Pre-marked by the foot, there's no measuring, rigid pipe cutting or threading. This means less waste and fewer fittings.
- 75% fewer fittings in the average installation means a safer system, less leak potential and reduced callbacks.
- FlashShield CSST is lightweight – 250 feet of 1/2" CSST weighs approximately 50 pounds and can be easily transported and handled on the job.
- Custom lengths of tubing and job-specific accessories for those large and multi-family projects can be easily obtained by a simple telephone call.
- Jacket complies with requirements of ASTM E84 25/50 index for flame and smoke.

CUSTOMER SERVICE AND TECHNICAL SUPPORT ARE ONLY A PHONE CALL AWAY AT 1-800-662-0208.

FLASHSHIELD™ CORRUGATED STAINLESS STEEL TUBING (CSST):

APPLICATION:
- CSST flexible gas piping supplies natural gas or liquefied petroleum gas to appliances.

MATERIAL / SPECIFICATIONS:
- Tubing: ASTM A240 Type 304, Stainless Steel.
- Jacket: UV resistant Polyethylene complying with requirements of ASTM E84 25/50 Index for Flame and Smoke.

FEATURES AND BENEFITS:
- Metallically-shielded gas piping system.
- Only product that meets strict criteria of ICC-ES PMG LC1027
- Flexibility and durability allows for simple routing through complex building structures and designs.
- Pre-marked by the foot for easy measuring and installation.
- Minimum tubing wall thickness of .010 on all sizes is more robust than other brands of CSST.
- Annealed 304 stainless steel makes tubing more flexible than brands not heat-treated.
- Metal shield for electrical continuity.

FLASHSHIELD™ CORRUGATED STAINLESS STEEL TUBING (CSST)

Part No.	Description	Pkg. Qty.	Lbs.	Reel Size (Dia. X Width)
FS-8-250	1/2" FlashShield™ Corrugated Stainless Steel Tubing	250 Ft/Coil	49.5	20" x 12-1/2"
FS-8-50*		50 Ft/Box	8.3	21" x 6"
FS-8-125		125 Ft/Coil	28.8	20" x 12-1/2"
FS-8-500		500 Ft/Coil	95	24" x 25"
FS-8-1000		1,000 Ft/Coil	187	32" x 21-1/2"
FS-8-1500		1,500 Ft/Coil	270	32" x 21-1/2"
FS-11-250	3/4" FlashShield™ Corrugated Stainless Steel Tubing	250 Ft/Coil	64.3	24" x 25"
FS-11-50*		50 Ft/Box	10.5	21" X 6"
FS-11-125		125 Ft/Coil	34.1	20" X 12-1/2"
FS-11-500		500 Ft/Coil	116.5	24" x 25"
FS-11-1000		1,000 Ft/Coil	230	32" x 21-1/2"
FS-16-150	1" FlashShield™ Corrugated Stainless Steel Tubing	150 Ft/Coil	58.1	24" x 25"
FS-16-50		50 Ft/Box	23.4	20" x 12-1/2"
FS-16-75		75 Ft/Coil	31	20" x 12-1/2"
FS-16-300		300 Ft/Coil	104.1	24" x 25"
FS-16-500		500 Ft/Coil	174.5	32" x 21-1/2"
FS-20-150	1 1/4" FlashShield™ Corrugated Stainless Steel Tubing	150 Ft/Coil	69	24" x 26-1/2"
FS-20-50		50 Ft/Coil	28	21" x 12"
FS-20-75		75 Ft/Coil	37	21" x 12"
FS-20-300		300 Ft/Coil	135	32" x 24-1/2"
FS-24-150	1-1/2" FlashShield™ Corrugated Stainless Steel Tubing	150 Ft/Coil	91.0	24" x 26.5 "
FS-24-50		50 Ft/Coil	35.0	21" x 20"
FS-24-75		75 Ft/Coil	48.0	21" x 20"
FS-24-300		300 Ft/Coil	177.0	24" x 26.5"
FS-32-150	2" FlashShield™ Corrugated Stainless Steel Tubing	150 Ft/Coil	143.0	36" x 26.5"
FS-32-50		50 Ft/Coil	72.0	36" x 26.5"
FS-32-75		75 Ft/Coil	89.0	36" x 26.5"

*Packaged in box.
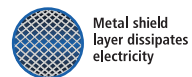Please contact Gastite Customer Service for custom lengths.

FLASHSHIELD CSST — IT'S SAFETY IN LAYERS, WITHOUT ADDITIONAL BONDING.

Gastite's revolutionary new FlashShield CSST provides more layers of resistance than any other CSST, while eliminating additional manufacturer-required direct bonding. FlashShield is the only flexible gas piping system to meet strict criteria of ICC-ES PMG LC1027. We started with a unique layer of metal shield, which is designed to dissipate heat and electricity. Then we placed the shield between two jackets of semi-conductive polymer. To complete the system, we re-designed our fittings to ensure seamless continuity with the shield. Add it all up, and the FlashShield CSST system gives you a level of lightning resistance that's simply unprecedented.

Metal shield layer dissipates electricity

New fittings provide continuity with metal shield

NO manufacturer-required direct bonding

Two semi-conductive polymer jackets surround layer of metal shield for extra protection

Gastite Division, Titeflex Corporation • 1116 Vaughn Parkway • Portland, TN 37148

XR3-SERIES FITTINGS:

APPLICATION:
- Straight Fittings connect the flexible gas tubing to gas supply, distribution manifolds or gas appliances.
- Couplings allow for the splicing and additions to the flexible gas tubing.
- Termination Fittings create a fixed point "stub-out" on a wall or floor surface.
- Termination Bracket Fittings provide a secure attachment point for key-valves and as an alternate termination point.

MATERIAL / SPECIFICATIONS:
- Fitting adapter, bushings and nut – Brass.
- Square Flange – Steel with zinc coating or cast bronze.

FEATURES AND BENEFITS:
- Metal-Lock for continuous conductivity.
- Tool-less flare design; Simple hand tools such as tubing cutters, wrenches and the Jacket Stripping Tool are all that are needed to work with the FlashShield components.
- Metal-to-metal seat, with no split rings, O-rings or gaskets.
- Self-guiding assembly to ensure a perfectly even flare.
- Exclusive, patented Jacket-Lock fitting eliminates exposed stainless steel beyond the nut.
- All components are fully reuseable.

XR3 STRAIGHT FITTING (ADAPTER/NUT/BUSHING)

Part No.	Description	Pkg. Qty.	Lbs./Box
XR3FTG-8-24	1/2" XR3 Straight Fitting - 1/2" NPT	24/Box	7.2
XR3FTG-11-24	3/4" XR3 Straight Fitting - 3/4" NPT	24/Box	10.4
XR3FTG-16-12	1" XR3 Straight Fitting - 1" NPT	12/Box	7.9
XR3FTG-20-6	1-1/4" XR3 Straight Fitting - 1-1/4" NPT	6/Box	6.2
XR3FTG-24-4	1-1/2" XR3 Straight Fitting – 1-1/2" NPT	4/Box	6.2
XR3FTG-32-4	2" XR3 Straight Fitting – 2" NPT	4/Box	9.5

Straight Fitting

XR3 STRAIGHT FEMALE FITTING (ADAPTER/NUT/BUSHING)

Part No.	Description	Pkg. Qty.	Lbs./Box
XR3FTGFM-8-24	1/2" XR3 Straight Fitting - 1/2" Female NPT	24/Box	7.6
XR3FTGFM-11-8-24	3/4" XR3 Straight Fitting - 1/2" Female NPT	24/Box	11.2
XR3FTGFM-11-24	3/4" XR3 Straight Fitting - 3/4" Female NPT	24/Box	11.2

Straight Female Fitting

XR3 REDUCING FITTING (ADAPTER/NUT/BUSHING)

Part No.	Description	Pkg. Qty.	Lbs./Box
XR3REDFTG-11-08-24	3/4" XR3 Reducing Fitting - 1/2" NPT	24/Box	9.6
XR3REDFTG-16-12-12	1" XR3 Reducing Fitting - 3/4" NPT	12/Box	7.7

Reducing Fitting

XR3 COUPLING FITTINGS

Part No.	Description	Pkg. Qty.	Lbs./Box
XR3CPL-8-12	1/2" XR3 Coupling	12/Box	5.8
XR3CPL-11-12	3/4" XR3 Coupling	12/Box	8.8
XR3CPL-16-6	1" XR3 Coupling	6/Box	6.7
XR3CPL-20-6	1-1/4" XR3 Coupling	6/Box	9.5
XR3CPL-24-4	1-1/2" XR3 Coupling	4/Box	12.5
XR3CPL-32-4	2" XR3 Coupling	4/Box	18.9

Coupling

XR3 TERMINATION FITTING (FLANGE/ADAPTER/NUT/BUSHING)

Part No.	Description	Pkg. Qty.	Lbs./Box
XR3TRM-8-12	1/2" XR3 Term. Fitting w/ Square Flange - 1/2" NPT	12/Box	10.0
XR3TRM-11-12	3/4" XR3 Term. Fitting w/ Square Flange - 3/4" NPT	12/Box	13.7
XR3TRM-16-6	1" XR3 Term. Fitting w/ Square Flange - 1" NPT	6/Box	10.8
XR3TRM-20-6	1-1/4" XR3 Term. Fitting - 1-1/4" NPT	6/Box	8.4
XR3TRM-24-4	1-1/2" XR3 Term. Fitting w/ Square Flange - 1-1/2" NPT	4/Box	7.7
XR3TRM-32-4	2" XR3 Term. Fitting w/ Square Flange - 2" NPT	4/Box	11.8

Termination Fitting with Square Flange

XR3 TERMINATION FITTING WITH BRONZE FLANGE (FLANGE/ADAPTER/NUT/BUSHING)

Part No.	Description	Pkg. Qty.	Lbs./Box
XR3TRM-8-CB-12	1/2" XR3 Term. Fitting w/ Bronze Flange - 1/2" NPT	12/Box	10.0
XR3TRM-11-CB-12	3/4" XR3 Term. Fitting w/ Bronze Flange - 3/4" NPT	12/Box	13.7
XR3TRM-16-CB-6	1" XR3 Term. Fitting w/ Bronze Flange - 1" NPT	6/Box	10.8
XR3TRM-20-CB-6	1-1/4" XR3 Term. Fitting w/ Bronze Flange - 1-1/4" NPT	6/Box	14.4
XR3TRM-24-CB-4	1-1/2" XR3 Term. Fitting w/ Bronze Flange - 1-1/2" NPT	4/Box	13.1

Termination Fitting with Bronze Flange

Termination Fitting with No Flange

XR3 TERMINATION FITTING WITH NO FLANGE (ADAPTER/NUT/BUSHING)

Part No.	Description	Pkg. Qty.	Lbs./Box
XR3TRM-8-NF-12	1/2" XR3 Term. Fitting - 1/2" NPT (no flange)	12/Box	4.2
XR3TRM-11-NF-12	3/4" XR3 Term. Fitting - 3/4" NPT (no flange)	12/Box	6.1
XR3TRM-16-NF-6	1" XR3 Term. Fitting - 1" NPT (no flange)	6/Box	4.7
XR3TRM-20-NF-6	1-1/4" XR3 Term. Fitting - 1-1/4" NPT (no flange)	6/Box	6.4
XR3TRM-24-NF-4	1-1/2" XR3 Term. Fitting - 1-1/2" NPT (no flange)	4/Box	8.9
XR3TRM-32-NF-4	2" XR3 Term. Fitting - 2" NPT (no flange)	4/Box	13.9

Termination Bracket Fitting

XR3 TERMINATION BRACKET FITTING (BRACKET/ADAPTER/NUT/BUSHING)

Part No.	Description	Pkg. Qty.	Lbs./Box
XR3TRMBKT-8-12	1/2" XR3 Term. Bracket Fitting - 1/2" NPT	12/Box	6.4
XR3TRMBKT-11-12	3/4" XR3 Term. Bracket Fitting - 3/4" NPT	12/Box	8.4
XR3TRMBKT-16-6	1" XR3 Term. Bracket Fitting - 1" NPT	6/Box	6.9
XR3TRMBKT-20-6	1-1/4" XR3 Term. Bracket Fitting - 1-1/4" NPT	6/Box	8.8
XR3TRMBKT-24-4	1-1/2" XR3 Term. Bracket Fitting - 1-1/2" NPT	4/Box	10.0
XR3TRMBKT-32-4	2" XR3 Term. Bracket Fitting - 2" NPT	4/Box	15.8

Tee
Run
Run
Tee Fitting

XR3 TEE FITTINGS

Part No.	Description	Pkg. Qty.	Lbs./Box
XR3T-8-12	1/2" Run x 1/2" Run x 1/2" Tee - Tee Fitting	12/Box	10.8
XR3T-11-12	3/4" Run x 3/4" Run x 3/4" Tee - Tee Fitting	12/Box	16.5
XR3T-16-6	1" Run x 1" Run x 1" Tee - Tee Fitting	6/Box	13.4
XR3T-11-8-8-6	3/4" Run x 1/2" Run x 1/2" Tee - Tee Fitting	6/Box	7.3
XR3T-11-11-8-6	3/4" Run x 3/4" Run x 1/2" Tee - Tee Fitting	6/Box	7.6
XR3T-16-11-8-6	1" Run x 3/4" Run x 1/2" Tee - Tee Fitting	6/Box	9.4
XR3T-16-11-11-6	1" Run x 3/4" Run x 3/4" Tee - Tee Fitting	6/Box	5.4
XR3T-16-16-8-6	1" Run x 1" Run x 1/2" Tee - Tee Fitting	6/Box	10.5
XR3T-16-16-11-6	1" Run x 1" Run x 3/4" Tee - Tee Fitting	6/Box	6.5

MODULAR STUB SYSTEM:

APPLICATION:
- All Stubs create a fixed point "stub-out" on a wall or floor surface for meter and appliance attachment.
- Angle Stub-Out mounting plate provided at a 72-1/2° angle to facilitate mounting to angled side of most fireplace inserts.

MATERIAL / SPECIFICATIONS:
- Schedule 40 steel pipe complying with material standard ASTM A-53.
- Exterior plating – Black oxide coating after all threading, forming and welding.

FEATURES AND BENEFITS:
- Reduces the number of joints in the system where contractors typically fabricate "stub-outs" from rigid pipe nipples, elbows and couplings.
- Provides a fixed-point termination for installations where the appliances are not yet installed.
- Creates a more polished look to the overall installation.

Straight Stubs & Stub Bracket

Deck Stub

Double Stub

Angle Stub

MODULAR STUB SYSTEM

Part No.	Description	Pkg. Qty.	Lbs./Box
1/2X6STUB-10	1/2"M x 6"L Straight Stub-Out	10/Box	12.2
1/2X12STUB-10	1/2"M x 12"L Straight Stub-Out	10/Box	16.9
3/4X6STUB-10	3/4"M x 6"L Straight Stub-Out	10/Box	14.5
3/4X12STUB-10	3/4"M x 12"L Straight Stub-Out	10/Box	22.9
1X6STUB-10	1"M x 6"L Straight Stub-Out	10/Box	15.3
1X12STUB-10	1"M x 12"L Straight Stub-Out	10/Box	24.1
1-1/4X6STUB-10	1-1/4"M x 6"L Straight Stub-Out	10/Box	18.0
1-1/4X12STUB-10	1-1/4"M x 12"L Straight Stub-Out	10/Box	27.0
1-1/2X6STUB-10	1-1/2"M x 6"L Straight Stub-Out	10/Box	21.0
1-1/2X12STUB-10	1-1/2"M x 12"L Straight Stub-Out	10/Box	32.0
DBLSTUB-1-10	Double Appliance Stub-Out 3/4" inlet x 1/2" & 3/4" Outlet	10/Box	26.0
DECKSTUB-1/2x3-10	1/2" x 3" Bracket Stub-Out	10/Box	8.7
ANGLE-STUB-01-10	1/2"M x 4-1/2"L x 72.5° Angle Stub	10/Box	11.0
STUB-BRACE	Stub Bracket (optional) – Fits All	1 Ea.	1.8

XR3-SERIES APPLIANCE STUB-OUTS:

XR3-SERIES APPLIANCE STUB-OUTS

Part No.	Description	Pkg. Qty.	Lbs./Box
XR3-APSTUB-8-10	1/2" XR3 x 1-1/2" Stub Length x 1/2" NPT	10/Box	15.2
XR3-L-APSTUB-8-10	1/2" XR3 x 2-1/4" Stub Length x 1/2" NPT	10/Box	13.3
XR3-APSTUB-11-10	3/4" XR3 x 1-1/2" Stub Length x 1/2" NPT	10/Box	18.5
XR3-L-APSTUB-11-10	3/4" XR3 x 2-1/4" Stub Length x 1/2" NPT	10/Box	19.9
XR3-APSTUB-11-11-10	3/4" XR3 x 1-1/2" Stub Length x 3/4" NPT	10/Box	19.8
XR3-L-APSTB-11-11-10	3/4" XR3 x 2-1/4" Stub Length x 3/4" NPT	10/Box	21.6

Appliance
Stub-Outs

MOUNTING HARDWARE:

APPLICATION:
- Termination Bracket provides mounting surface for termination fitting assembly.
- Manifold Bracket provides mounting platform for manifolds, supplied with adhesive port labeling.
- Gas Load Center creates a recessed cabinet for a more polished look to manifold assembly.
- XR3OUTLETBOX creates a secure recessed termination point for connection to moveable appliances.

MATERIAL / SPECIFICATIONS:
- Termination Bracket – 16 gauge galvanized sheet metal.
- MBRACE-1 Mounting Kit made of 16 gauge galvanized sheet metal.
- Fits 3-PORTMAN, 3-PORTMAN-1, 4-PORTMAN, 5-PORTMAN and 111596-08.
- MBRACE-3 Mounting Kit made of 14 gauge galvanized sheet metal.
- Fits 5-PORTMAN-1, 5-PORTMAN-2, 5-PORTMAN-3 and 4-PORTMAN-2.
- 4-PORTMAN-3 requires installer supplied mounting brackets.
- Gas Load Center – 20 gauge steel with a white, polyester powder coat finish.
- Metal Tubing Straps – 22, 20 or 18 gauge sheet metal, depending on size.
- XR3OUTLETBOX – Ball Valve ANSI Z21.15 or ANSI/ASME B16.33.

MOUNTING HARDWARE

Part No.	Description	Pkg. Qty.	Lbs./Ea.
LBRACE-1-20	Term. Fitting Mounting Kit – Fits 3/8" - 1" CSST	20/Box	9.0
MBRACE-1-10	Manifold Mounting Kit – Fits all manifolds	10/Box	16.0
MBRACE-3-10	Manifold Mounting Kit – See below for mounting options	10/Box	16.0
GLC1	Gas Load Center Kit – 14-1/2" x 24" x 3-1/2"	1 Ea.	11.8
GLC1-PANEL	Gas Load Center Panel Cover – Vented	1 Ea.	4.0

Termination Bracket   Manifold Bracket

Part No.	Description	Pkg. Qty.	Lbs./Box
MSTRAPS-6-250	Metal Tubing Strap – Fits 3/8" CSST	250/Box	4.1
MSTRAPS-8-250	Metal Tubing Strap – Fits 1/2" CSST	250/Box	4.6
MSTRAPS-11-150	Metal Tubing Strap – Fits 3/4" CSST	150/Box	3.1
MSTRAPS-16-100	Metal Tubing Strap – Fits 1" CSST	100/Box	3.7
MSTRAPS-20-50	Metal Tubing Strap – Fits 1-1/4" CSST	50/Box	3.0
MSTRAPS-24-50	Metal Tubing Strap – Fits 1-1/2" CSST	50/Box	4.5
MSTRAPS-32-25	Metal Tubing Strap – Fits 2" CSST	25/Box	2.5

Gas Load Center

XR3-SERIES OUTLET BOXES

Part No.	Description	Pkg. Qty.	Lbs./Kit
XR3OUTLETBOX-8	Recessed gas outlet box kit with 1/2" XR2 Fitting	1 Kit	1.5
XR3OUTLETBOX-11	Recessed gas outlet box kit with 3/4" XR2 Fitting	1 Kit	2.2
XR3OUTLETBOX-FR8	Firestop gas outlet box kit with 1/2" XR2 Fitting	1 Kit	3.8
XR3OUTLETBOX-FR11	Firestop gas outlet box kit with 3/4" XR2 Fitting	1 Kit	4.1

XR3 Outlet Box

PIPE SUPPORT SYSTEM:

APPLICATION:
- Effectively anchors and supports lightweight CSST, as well as other fuel gas piping materials to any roofing membrane.

MATERIAL / SPECIFICATIONS:
- Made of 100% recycled material, UV resistant and waterproof.
- Will not damage expensive roof membranes.
- Installs on any roof with or without standard roof adhesives.

Pipe Supports

PIPE SUPPORT SYSTEM

Part No.	Description	Pkg. Qty.	Lbs./Ea.
RB0-10-4	Rubber Support Block (10"L x 4"H)	1 Ea.	4.9
RB1-10-5	Rubber Support Block w/ 7/8" Galv Steel Channel (10"L X 5"H)	1 Ea.	6.0
RB1-29-5	Rubber Support Block w/ 7/8" Galv Steel Channel (29"L X 5"H)	1 Ea.	18.0
RB2-10-12	Rubber Support Block w/Adj height 7/8" Galv Steel Channel (10"L x 5"-12"H)	1 Ea.	7.7

MULTI-PORT MANIFOLDS:

APPLICATION:
- Provides central distribution point for individual runs to each appliance.

MATERIAL / SPECIFICATIONS:
- Coated 4 Port – Welded IPS Schedule 40 pipe.
- Cast 3, 4, and 5 Port – ASTM A47 32510 Malleable Iron.

Cast Manifolds

MULTI-PORT MANIFOLDS

Part No.	Description	Pkg. Qty.	Lbs.
3-PORTMAN	Cast 3 port – 3/4"F x 3 @ 1/2"F x 1/2"F	1 Ea.	1.5
3-PORTMAN-1	Cast 3 port – 1/2" x 3 @ 1/2"F x 1/2"F	1 Ea.	1.5
4-PORTMAN-10	Cast 4 port – 3/4"F x 4 @ 1/2"F x 1/2"F	10/Box	20.0
5-PORTMAN	Cast 5 port – 3/4"F x 1@ 3/4"F x 4@1/2"F x 1/2"F	1 Ea.	2.2
5-PORTMAN-1	Cast 5 port – 1"F x 1@ 3/4"F x 4@1/2"F x 3/4"F	1 Ea.	2.5
5-PORTMAN-2	Cast 5 port – 1-1/4"F x 5 @ 3/4"F x 1"F	1 Ea.	6.7
5-PORTMAN-3	Cast 5 port – 1-1/4"F x 5 @ 1/2"F x 1"F	1 Ea.	5.7
4-PORTMAN-2	Cast 4 port – 1-1/2"F x 4 @ 3/4"F x 1-1/2"F	1 Ea.	7.2
4-PORTMAN-3	Cast 4 port – 2"F x 4 @ 1"F x 1-1/2"F	1 Ea.	8.6
111596-08	Coated Steel 4 Port – 3/4"F x 4 @ 1/2" F x 3/4"M	1 Ea.	1.9

PROTECTION DEVICES AND BONDING CLAMPS:

APPLICATION:
- Striker plates used for protection where flexible gas piping passes through structural members and is restricted from moving to avoid nails, screws and other potential puncture threats.
- Steel conduit is used to provide additional protection where striker plates cannot be easily installed.

MATERIAL / SPECIFICATIONS:
- Striker Plates – 16 gauge AISI1050 Carbon Steel Hardened to Rc 45.
- Steel Conduit – Strip wound interlocking steel.
- Bonding clamps are listed to UL467 for use on Gastite hex fittings.

Striker Plates

PROTECTION DEVICES – STRIKER PLATES & SILICONE TAPE

Part No.	Description	Pkg. Qty.	Lbs./Box
TFM204-100	Quarter Striker Plate – 3" x 2"	100/Box	8.0
TFM201-50	Half Striker Plate – 3" x 7"	50/Box	15.5
TFM203-50	Three-Quarter Striker Plate – 3" x 8"	50/Box	20.0
TFM205-25	Full Striker Plate – 3" x 12"	25/Box	13.8
TFM210-10	6" x 17" Striker Plate	10/Box	19.0
TFM211-25	Full (Drop-in) Striker Plate - 1/2" & 3/4" CSST	25/Box	11.0
TFM212-25	Full (Drop-in) Striker Plate - 1" & 1-1/4" CSST	25/Box	16.0
SIL-TAPE	Self Bonding Silicone Yellow Tape – 1" x .015" x 12 yd/roll	1 Ea.	0.3
SIL-TAPE-B	Self Bonding Silicone Black Tape – 1" x .015" x 12 yd/roll	1 Ea.	0.3

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PROTECTION DEVICES AND BONDING CLAMPS Continued:

Steel Conduit

PROTECTION DEVICES – STEEL CONDUIT COILS

Part No.	Description	Pkg. Qty.	Lbs./Coil
FLOPPY12	3/4" Coil steel conduit – Fits 3/8" CSST	50 Ft/Coil	8.4
FLOPPY16	1" Coil steel conduit – Fits 1/2" CSST	50 Ft/Coil	13.1
FLOPPY20	1-1/4" Coil steel conduit – Fits 3/4" CSST	25 Ft/Coil	11.0
FLOPPY24	1-1/2" Coil steel conduit – Fits 1" CSST	25 Ft/Coil	13.1
FLOPPY28	1-3/4" Coil steel conduit – Fits 1-1/4" CSST	25 Ft/Coil	16.5
FLOPPY36	2-1/4" Coil steel conduit – Fits 1-1/2" CSST	25 Ft/Coil	28.2
FLOPPY48	3" Coil steel conduit – Fits 2" CSST	25 Ft/Coil	36.0

Bonding Clamp

PROTECTION DEVICES – STEEL CONDUIT COILS

Part No.	Description	Pkg. Qty.	Lbs./Box
LFLOPPY-12-50	3/4" – Cut to 1 foot length – Fits 3/8" CSST	50/Box	9.3
LFLOPPY-16-50	1" – Cut to 1 foot length – Fits 1/2" CSST	50/Box	19.0
LFLOPPY-20-25	1-1/4" – Cut to 1 foot length – Fits 3/4" CSST	25/Box	11.8
LFLOPPY-24-25	1-1/2" – Cut to 1 foot length – Fits 1" CSST	25/Box	14.4
LFLOPPY-28-25	1-3/4" – Cut to 1 foot length – Fits 1-1/4" CSST	25/Box	17.0
LFLOPPY-36-25	2-1/4" – Cut to 1 foot length – Fits 1-1/2" CSST	25/Box	28.8
LFLOPPY-48-25	3" – Cut to 1 foot length – Fits 2" CSST	25/Box	37.0

BONDING CLAMPS

Part No.	Description	Pkg. Qty.	Lbs./Box
CWP1JSH	Bonding Clamp for 3/8" and 1/2" CSST	1 Ea.	0.16
CWP2JSH	Bonding Clamp for 3/4", 1" and 1-1/4" CSST	1 Ea.	0.34
CWP3JSH	Bonding Clamp for 1-1/2" and 2" CSST	1 Ea.	1.02

SHUT-OFF VALVES, QUICK CONNECT AND ACCESSORIES:

APPLICATION:
- Ball Valves are used to control gas flow to appliances and pounds-to-inches regulator.
- Quick-Connect valve and accessories provide a safe and easy "quick-connect" for barbecue grills, space heaters and decorative lighting.

MATERIAL / SPECIFICATIONS:
- Ball Valve - ANSI/ASME B16.33.
- Quick Connect and Accessories – ANSI Z21.15, CAN 9.1,9.2, 6.9 and AGA/CGA 7-90/CR94-001.

Ball Valve

SHUT-OFF VALVES

Part No.	Description	Pkg. Qty.	Lbs./Box
T100-1/2-20	1/2" Ball Valve rated to 125 PSI	20/Box	10.0
T100-3/4-10	3/4" Ball Valve rated to 125 PSI	10/Box	8.0
T100-1-1/4-5	1-1/4" Ball Valve rated to 125 PSI	5/Box	11.0
T90-1/2-10	1/2" 90 Degree Shut-Off Valve	10/Box	4.6
T90-3/4-10	3/4" 90 Degree Shut-Off Valve	10/Box	7.7

90 Degree Ball Valve

QUICK CONNECT AND ACCESSORIES

Part No.	Description	Pkg. Qty.	Lbs./Ea.
T103029	1/2" Quick Connect Valve	1 Ea.	1.0
OUTFLEX-3/8	Outdoor Flex Connector – 3/8" NPT x 12"	1 Ea.	2.4
QCBOXPW	1/2" Quick Connect Box White PVC- Surface Mounted	1 Ea.	1.6
QCBOXPG	1/2" Quick Connect Box Gray PVC- Surface Mounted	1 Ea.	1.6
QCBOXSS	1/2" Quick Connect Box Stainless Steel - Recessed Mounted	1 Ea.	2.3

Stainless Steel & PVC Quick Connect Boxes

TUBING CUTTERS AND JACKET STRIPPER:

APPLICATION:
- Tubing Cutters, fitted with cutting wheel designed to cut stainless steel, create clean cuts for optimal flaring of tubing.
- Jacket Stripping Tool for cutting and remoal of outer CSST jackets & metal shield before connecting fitting. Allows for clean, quick and proper fitting assembly.

MATERIAL / SPECIFICATIONS:
- Aluminum alloy body.
- Jacket Stripping Tool - durable plastic body and stainless steel blade.

Tubing Cutters

TUBING CUTTERS

Part No.	Description	Pkg. Qty.	Lbs./Ea.
GTCUTTER-SM	Cutter with flat rollers – 3/8" – 1" FlashShield CSST	1 Ea.	1.5
GTCUTTER-SM-2	Cutter with flat rollers – 3/8" – 1" FlashShield CSST	1 Ea.	X.X
GTCUTTER-LG	Cutter with flat rollers – Up to 1-1/2" FlashShield CSST	1 Ea.	2.0
GTCUTTER-LG2	Cutter with flat rollers – Up to 2" FlashShield CSST	1 Ea.	2.1
GTBLADE-SM-2	Replacement blade for GTCUTTER-SM-2 (25 mm diam.)	X Ea.	X.X
GTBLADE-SM-5	Replacement blade for GTCUTTER-SM (25 mm diam.)	5 Ea.	0.3
GTBLADE-LG-5	Replacement blade for GTCUTTER-LG (25 mm diam.)	5 Ea.	0.4
GTBLADE-LG2-5	Replacement blade for GTCUTTER-LG2 (30 mm diam.)	5 Ea.	0.4

Jacket Stripping Tool

JACKET STRIPPER TOOL

Part No.	Description	Pkg. Qty.	Lbs./Ea.
STRP3-8	1/2" Jacket Stripper	24 Ea.	2.5
STRP3-11	3/4" Jacket Stripper	24 Ea.	3.0
STRP3-16	1" Jacket Stripper	24 Ea.	3.5
STRP3-20	1-1/4" Jacket Stripper	24 Ea.	4.3
STRP3-24	1-1/2" Jacket Stripper	12 Ea.	3.0
STRP3-32	2" Jacket Stripper	12 Ea.	3.5

REGULATORS:

APPLICATION:
- For use in elevated pressure systems (in excess of 1/2 PSI) to reduce pressure to standard appliance use levels.
- Outdoor vent protector is used when vent-limiting orifice is removed for outdoor installation of regulator.

MATERIAL / SPECIFICATIONS:
- 2 PSI inlet pressure line models available in 8"WC and 11"WC outlet pressures.
- 5 PSI inlet pressure (OPD) models available in 8"WC (field adjustment to 11"WC) outlet pressures.

Maxitrol Regulators

Maxitrol Regulators with OPD

MAXITROL REGULATORS

Part No.	Description	Pkg. Qty.	Lbs./Ea.
T325-3-44	250 MBTU of NG @ 8"WC with 1/2" NPT inlet/outlet	1 Ea.	0.8
T325-3-44P	355 MBTU of LP @ 11"WC with 1/2" NPT inlet/outlet	1 Ea.	0.8
T325-5-2	425 MBTU of NG @ 8"WC with 1/2" NPT inlet/outlet	1 Ea.	1.8
T325-5-44	600 MBTU of NG @ 8"WC with 3/4" NPT inlet/outlet	1 Ea.	1.8
T325-5-44P	918 MBTU of LP @ 11"WC with 3/4" NPT inlet/outlet	1 Ea.	1.8
T325-5-3	600 MBTU of NG @ 8"WC with 1" NPT inlet/outlet	1 Ea.	1.8
T325-5-3P	550 MBTU of LP @ 11"WC with 1" NPT inlet/outlet	1 Ea.	1.8
T325-7AL-NG01*	1,250 MBTU of NG @ 8"WC with 1-1/4" NPT inlet/outlet	1 Ea.	3.5
T325-3L48	200 MBTU of NG @ 8"WC with 1/2" NPT inlet/outlet & OPD	1 Ea.	1.5
T325-5AL600	425 MBTU of NG @ 8"WC with 3/4" NPT inlet/outlet & OPD	1 Ea.	3.4
T325-7L-210D*	1,250 MBTU of NG @ 8"WC with 1-1/4" NPT inlet/outlet & OPD	1 Ea.	9.2

Pietro Fiorentini Regulators

PIETRO FIORENTINI REGULATORS

Part No.	Description	Pkg. Qty.	Lbs./Ea.
30051-NG	635 MBTU of NG @ 8"WC with 1/2" NPT inlet/outlet	1 Ea.	1.7
30052-NG	848 MBTU of NG @ 8"WC with 3/4" NPT inlet/outlet	1 Ea.	1.7
30053-NG	1,059 MBTU of NG @ 8"WC with 1" NPT inlet/outlet	1 Ea.	1.6
30153-NG	5,297 MBTU of NG @ 8"WC with 1-1/4" NPT inlet/outlet	1 Ea.	7.4
30052-LP	1,285 MBTU of LP @ 11"WC with 3/4" NPT inlet/outlet	1 Ea.	1.7

OARA Regulators

OARA REGULATORS

Part No.	Description	Pkg. Qty.	Lbs./Ea.
REG8-300	250 MBTU of NG @ 8"WC with 1/2" NPT inlet/outlet	1 Ea.	0.8
REG11-300	355 MBTU of LP @ 11"WC with 1/2" NPT inlet/outlet	1 Ea.	0.8
REG8-600	550 MBTU of NG @ 8"WC with 3/4" NPT inlet/outlet	1 Ea.	1.9
REG11-600	810 MBTU of LP @ 11"WC with 3/4" NPT inlet/outlet	1 Ea.	1.9

REGULATORS Continued:

VENT PROTECTION

Part No.	Description	Pkg. Qty.	Lbs./Ea.
VP3	Outdoor Vent Protector (325-3), 1/8" NPT	1 Ea.	0.1
VP5	Outdoor Vent Protector (325-5), 3/8" NPT	1 Ea.	0.1
VLP-3	Vent Line Protector for end termination	1 Ea.	0.1

* Vent limiters not available.
Note: Pipe thread size should never be used to determine regulator sizing.
Please refer to the Gastite Design and Installation Guide for proper regulator selection.

SYSTEM IDENTIFICATION

SYSTEM IDENTIFICATION

Part No.	Description	Pkg. Qty.	Lbs.
EPAL-1-100	Adhesive Labels for elevated pressure identification	100/Roll	0.1
EPMT-1-100	Metal Tags for Uniform Plumbing Code compliance	100/Pkg.	0.5

Adhesive Label

Metal Tag

UNDERGROUND GAS POLYETHYLENE (PE) PIPING

FEATURING THE CON-STAB I.D. SEAL® FITTINGS FROM CONTINENTAL INDUSTRIES, INC.

PRODUCT DESCRIPTION:

Unlike above-grade gas piping installations that require metallic piping, underground systems need to perform in harsh and corrosive environments. Metallic pipe installed underground requires additional and costly materials to protect the pipe. Polyethylene gas piping systems are specifically engineered and certified for the underground environment. To provide a true underground gas piping solution, Gastite® has partnered with Continental Industries, Inc. to bring you Con-Stab I.D. Seal®, fittings, anode-less risers and polyethylene tubing (PE). These components assemble in minutes to form a complete underground gas piping system, which offers the flexibility and simple fitting assembly you have come to expect from Gastite®.

CODES & SPECIFICATIONS:

- NFPA-58 and NFPA-54
- ASTM D-2513, Category 1
- ASME D-B31.8-1995
- CAN/CSA-B137.4
- Listed with CSA
- Listed with IAPMO/UPC
- US DOT Part 192.283
- ISO 4437

FEATURES & BENEFITS:

- Cost effective joining method.
- Simple assembly.
- No additional assembly equipment required for installation – just chamfer and push.
- Expanded product line with various configurations and material options.
- Uni-body design eliminating all external parts.
- Designed, tested and certified for direct burial.
- Eliminates corrosive threats associated with metallic piping.
- Lowest installed cost compared to other underground gas piping materials.
- Continuous lengths of flexible piping.

CUSTOMER SERVICE AND TECHNICAL SUPPORT ARE ONLY A PHONE CALL AWAY AT 1-800-662-0208.

Con-Stab I.D. Seal® is a registered trademark of Continental Industries, Inc.

IMPORTANT

ALL PE TUBING REQUIRES I.D. CHAMFER PRIOR TO INSTALLATION OF ANY ADAPTER.

IRON PIPE SIZE (IPS) TUBING, ANODELESS RISERS AND FITTINGS

IRON PIPE SIZE (IPS) TUBING, ANODELESS RISERS AND FITTINGS

Part No.	Description	Pkg. Qty	Lbs./Coil/Ea.
PE-12-250	**3/4" IPS (SDR-11) – PE Tubing (30" ID x 45" OD)**	**250 ft./coil**	**31.0**
PE-12-125	3/4" IPS (SDR-11) – PE Tubing (24" ID x 35" OD)	125 ft./coil	15.0
PE-12-500	3/4" IPS (SDR-11) – PE Tubing (30" ID x 42" OD)	500 ft./coil	60.0
PE-16-250-IPS	**1" IPS (SDR-11) – PE Tubing (30" ID x 45" OD)**	**250 ft./coil**	**47.5**
PE-16-125-IPS	1" IPS (SDR-11) – PE Tubing (25" ID x 34" OD)	125 ft./coil	23.8
PE-16-500-IPS	1" IPS (SDR-11) – PE Tubing (31" ID x 45" OD)	500 ft./coil	95.0
PE-20-250	**1-1/4" IPS (SDR-10) – PE Tubing (48" ID x 64" OD)**	**250 ft./coil**	**82.5**
PE-20-125	1-1/4" IPS (SDR-10) – PE Tubing (48" ID x 58" OD)	125 ft./coil	41.3
PE-20-500	1-1/4" IPS (SDR-10) – PE Tubing (48" ID x 72" OD)	500 ft./coil	165.0
PE-24-250*	**1-1/2" IPS (SDR-11) PE Tubing (45"ID x 65 OD)**	**250 ft./coil**	**103.0**
PE-24-125*	1-1/2" IPS (SDR-11) PE Tubing (45"ID x 65 OD)	125 ft./coil	51.5
PE-32-250*	**2" IPS (SDR-11) - PE Tubing (51" ID x 78" OD)**	**250 ft./coil**	**157.5**
RISER-12-30	3/4" IPS x 30" Vertical x 3/4" NPT – Riser w/Con-Stab Cplg.	1 Ea.	7.0
RISER-16-30-IPS	1" IPS x 30" Vertical x 1" NPT – Riser w/Con-Stab Cplg.	1 Ea.	8.0
RISER-20-30	1-1/4" IPS x 30" Vertical x 1-1/4" NPT – Riser w/Con-Stab Cplg.	1 Ea.	15.0
RISER-24-36	1-1/2" IPS x 36" Vertical x 1-1/2" NPT – Riser w/Con-Stab Cplg.	1 Ea.	19.0
RISER-32-36	2" IPS x 36" Vertical x 2" NPT – Riser w/Con-Stab Cplg.	1 Ea.	17.0
F-RISER-12-36	Flex Riser - 3/4" IPS x 36" x 3/4" NPT	1 Ea.	4.0
F-RISER-12-72	Flex Riser - 3/4" IPS x 72" x 3/4" NPT	1 Ea.	6.1
TRANS-12	3/4" IPS x 3/4" NPT Transition Fitting	1 Ea.	1.1
TRANS-16-IPS	1" IPS x 1" NPT Transition Fitting	1 Ea.	1.8
TRANS-20	1-1/4" IPS x 1-1/4" NPT Transition Fitting	1 Ea.	2.5
TRANS-24	1-1/2" IPS x 1-1/2" NPT-Transition Fitting	1 Ea.	3.9
TRANS-32	2" IPS x 2" NPT Transition Fitting	1 Ea.	3.3
PECPL-12	3/4" IPS Coupling	1 Ea.	0.5
PECPL-16-IPS	1" IPS Coupling	1 Ea.	0.8
PECPL-20	1-1/4" IPS Coupling	1 Ea.	2.0
PECPL-24	1-1/2" IPS Coupling	1 Ea.	1.7
PECPL-32	2" IPS Coupling	1 Ea.	4.0
PECPL-12-20	3/4" IPS x 1-1/4" IPS Reducer Coupling	1 Ea.	2.0
PECPL-12-16-IPS	3/4" IPS x 1" IPS Reducer Coupling	1 Ea.	0.7
PECPL-16-IPS-20	1" IPS x 1-1/4" Reducer Coupling	1 Ea.	1.7
PECPL-16-IPS-32	1" IPS x 2" IPS Reducer Coupling	1 Ea.	3.1
PECPL-20-32	1-1/4" IPS x 2" IPS Reducer Coupling	1 Ea.	3.5
PECPL-24-20	1-1/2" IPS x 1-1/4" IPS Reducer Coupling	1 Ea.	2.3
PE90CPL-12	3/4" IPS 90 Degree Coupling	1 Ea.	1.0
PERCPL-12	3/4" IPS Repair Coupling	1 Ea.	0.8
PET-12	3/4" IPS Tee Fitting	1 Ea.	1.2
PET-16-IPS	1" IPS Tee Fitting	1 Ea.	2.4
PET-20	1-1/4" IPS Tee Fitting	1 Ea.	4.5
PET-24	1-1/2" IPS Tee Fitting	1 Ea.	4.2
PET-32	2" IPS Tee Fitting	1 Ea.	9.0
PERT-16-16-12	1" IPS x 1" IPS x 3/4" IPS Reducer Tee	1 Ea.	2.5
PERT-20-20-12	1-1/4" IPS x 1-1/4" IPS x 3/4" IPS Reducer Tee	1 Ea.	3.3
PERT-20-20-16-IPS	1-1/4" IPS x 1-1/4" IPS x 1" IPS Reducer Tee	1 Ea.	4.0
PERT-24-24-20	1-1/2" IPS x 1-1/2" IPS x 1-1/4 Reducer Tee	1 Ea.	4.3
PERT-32-32-12	2" IPS x 2" IPS x 3/4" IPS Reducer Tee	1 Ea.	5.0
PERT-32-32-16-IPS	2" IPS x 2" IPS x 1" IPS Reducer Tee	1 Ea.	5.0
PERT-32-32-20	2" IPS x 2" IPS x 1-1/4" IPS Reducer Tee	1 Ea.	5.0
TAP-20-12	1-1/4" IPS x 3/4" IPS Mechanical Tapping Tee	1 Ea.	2.5
TAP-20-16-IPS	1-1/4" IPS x 1" IPS Mechanical Tapping Tee	1 Ea.	2.5
TAP-32-16-IPS	2" IPS x 1" IPS Mechanical Tapping Tee	1 Ea.	2.1

PE Tubing — *Flex Riser* — *Gas Riser* — *Transition Fitting* — *Coupling* — *Reducing Tee* — *Tapping Tee*

IMPORTANT

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COPPER TUBE SIZE (CTS) TUBING, ANODELESS RISERS AND FITTINGS

PE Tubing

Flex Riser

Gas Riser

Copper Coupling

Coupling

Choose PE Tubing and Components from this section for flow rates that correspond with Copper Tubing.

Part No.	Description	Pkg. Qty.	Lbs./Coil/Ea.
PE-8-250	**1/2" CTS (SDR-7) – PE Tubing (26"ID x 36" OD)**	**250 ft./coil**	**17.5**
PE-8-125	1/2" CTS (SDR-7) – PE Tubing (24" ID x 31" OD)	125 ft./coil	8.8
PE-8-500	1/2" CTS (SDR-7) – PE Tubing (30" ID x 38" OD)	500 ft./coil	35.0
PE-16-250	**1" CTS (SDR-11.5) – PE Tubing (25"ID x 45" OD)**	**250 ft./coil**	**35.0**
PE-16-125	1" CTS (SDR-11.5) – PE Tubing (24" ID x 35" OD)	125 ft./coil	17.5
PE-16-500	1" CTS (SDR-11.5) – PE Tubing (30" ID x 44" OD)	500 ft./coil	70.0
RISER-8-18	1/2" CTS x 18" Vertical x 3/4" NPT Riser w/Con-Stab Cplg.	1 Ea.	3.5
RISER-8-30	1/2" CTS x 30" Vertical x 3/4" NPT Riser w/Con-Stab Cplg.	1 Ea.	5.0
RISER-16-30	1" CTS x 30" Vertical x 3/4 NPT Riser w/Con-Stab Cplg.	1 Ea.	8.0
RISER-16-16-30	1" CTS x 30" Vertical x 1" IPS MPT Riser w/Con-Stab Cplg.	1 Ea.	8.0
F-RISER-8-36	Flex Riser - 1/2" CTS x 36" x 3/4" NPT	1 Ea.	1.8
F-RISER-8-72	Flex Riser - 1/2" CTS x 72" x 3/4" NPT	1 Ea.	3.1
TRANS-8	1/2" CTS x 1/2" NPT Transition Fitting	1 Ea.	0.9
TRANS-16	1" CTS x 1" NPT Transition Fitting	1 Ea.	1.4
PECPL-8	1/2" CTS Coupling	1 Ea.	0.2
PECPL-16	1" CTS Coupling	1 Ea.	0.5
PECPL-8-16	1/2" CTS x 1" CTS Reducer Coupling	1 Ea.	0.5
PE90CPL-8	1/2" CTS 90 Degree Coupling	1 Ea.	0.4
PERCPL-8	1/2" CTS Repair Coupling	1 Ea.	0.4
CUCPL-3/8	1/2" CTS x 3/8" Copper to Coupling	1 Ea.	0.3
CUCPL-1/2	1/2" CTS x 1/2" Copper to Coupling	1 Ea.	0.3
PET-8	1/2" CTS Tee Fitting	1 Ea.	0.5
PET-16	1" CTS Tee Fitting	1 Ea.	1.1

IPS / CTS Combination Fittings

Part No.	Description	Pkg. Qty.	Lbs./Ea.
PECPL-8-12	1/2" CTS x 3/4" IPS Reducer Coupling	1 Ea.	0.4
PECPL-8-16-IPS	1/2" CTS x 1" IPS Reducer Coupling	1 Ea.	0.8
PECPL-16-16-IPS	1" CTS x 1" IPS Reducer Coupling	1 Ea.	0.8
PERT-12-12-8	3/4" IPS x 3/4" IPS x 1/2" CTS Reducer Tee	1 Ea.	1.1
PERT-16-16-8	1" CTS x 1" CTS x 1/2" CTS Reducer Tee	1 Ea.	2.3
PERT-20-20-16	1-1/4" IPS x 1-1/4" IPS x 1" CTS Reducer Tee	1 Ea.	4.0
TAP-20-8	1-1/4" IPS Tap x 1/2" CTS Mechanical Tapping Tee	1 Ea.	2.0
TAP-20-16	1-1/4" IPS x 1" CTS Mechanical Tapping Tee	1 Ea.	2.5
TAP-32-8	2" IPS Tap x 1/2" CTS Mechanical Tapping Tee	1 Ea.	1.9
TAP-32-16	2" IPS x 1" CTS Mechanical Tapping Tee	1 Ea.	2.1

90° Coupling

Reducing Coupling

Tee Fitting

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TOOLS AND ACCESSORIES

Magnetic Tape

Riser Bracket

I.D. Chamfering Tool

TOOLS AND ACCESSORIES

Part No	Description	Pkg. Qty.	Lbs.
MAG-TAPE	Magnetic Tape – 2" x 1,000 ft. roll	1 Ea.	1.0
RBRACE-1	Riser Bracket – Up to 1-1/2"	1 Ea.	4.0
PECUTTER	PE Cutter – Up to 1-1/4"	1 Ea.	0.3
PECUTTER-32	PE Cutter – Up to 2"	1 Ea.	2.5
PEBLADE	Replacement Blade for PECUTTER	1 Ea.	0.1
CHTOOL-8-16	1/2" CTS x 1" CTS Chamfering Tool	1 Ea.	0.5
CHTOOL-20	1-1/4" IPS Chamfering Tool	1 Ea.	0.5
CHTOOL-12-16IPS	3/4" IPS x 1" IPS Chamfering Tool	1 Ea.	0.3
CHTOOL-24	1-1/2" IPS Chamfering Tool	1 Ea.	0.6
CHTOOL-32	2" IPS Chamfering Tool	1 Ea.	0.7

IMPORTANT

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WARRANTY
FLASHSHIELD™ FLEXIBLE GAS PIPING SYSTEM

Titeflex Corporation warrants its products to be free from any defect of workmanship and material. Should any such defects be discovered, the questionable product must be returned to Titeflex Corporation. If, upon inspection, the part proves to be defective, Titeflex Corporation will furnish a replacement, or, at its option, repair the part.

This warranty shall not apply to any part or parts of the FlashShield™ Flexible Gas Piping System product if it has been installed, altered, repaired or misused, through negligence or otherwise, in a way that in the opinion of Titeflex Corporation affects the reliability of, or detracts from, the performance of the product. Nor does this warranty cover replacements or repairs necessitated by loss or damage resulting from any cause beyond the control of Titeflex Corporation, including but not limited to, acts of God, acts of government, floods and fires.

The obligation of Titeflex Corporation under this warranty is limited, at Titeflex Corporation's discretion, to 1) making a replacement part available, 2) the repair of the defective part, or 3) refund of purchase price. This does not include the furnishing of any labor involved or connected therewith, such as that required to diagnose trouble or to remove or install any such product, nor does it include responsibility for any transportation expenses or any damages or losses incurred in transportation in connection therewith.

THE FOREGOING IS IN LIEU OF ANY OTHER WARRANTIES EXPRESSED, IMPLIED OR STATUTORY, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTY OF MERCHANTABILITY, AND TITEFLEX CORPORATION NEITHER ASSUMES NOR AUTHORIZES ANY PERSON TO ASSUME FOR TITEFLEX CORPORATION ANY OTHER OBLIGATION OR LIABILITY IN CONNECTION WITH THE SALE OF ITS PRODUCTS.

INSTALLATION REQUIREMENTS

1. Installation must be performed strictly in accordance with local plumbing and/or building codes, and in accordance with FlashShield™ Design and Installation Guide.

2. Installation must be performed by an installer who has successfully completed a training program recognized by Titeflex Corporation and has been issued a FlashShield™ Certification Card.

3. Pressure testing must be performed during rough construction with piping system exposed.

4. Titeflex Corporation assumes no responsibility for product or labor for any system which has been improperly installed.

Flash Shield™
ENHANCED PROTECTION

Titeflex Corporation

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