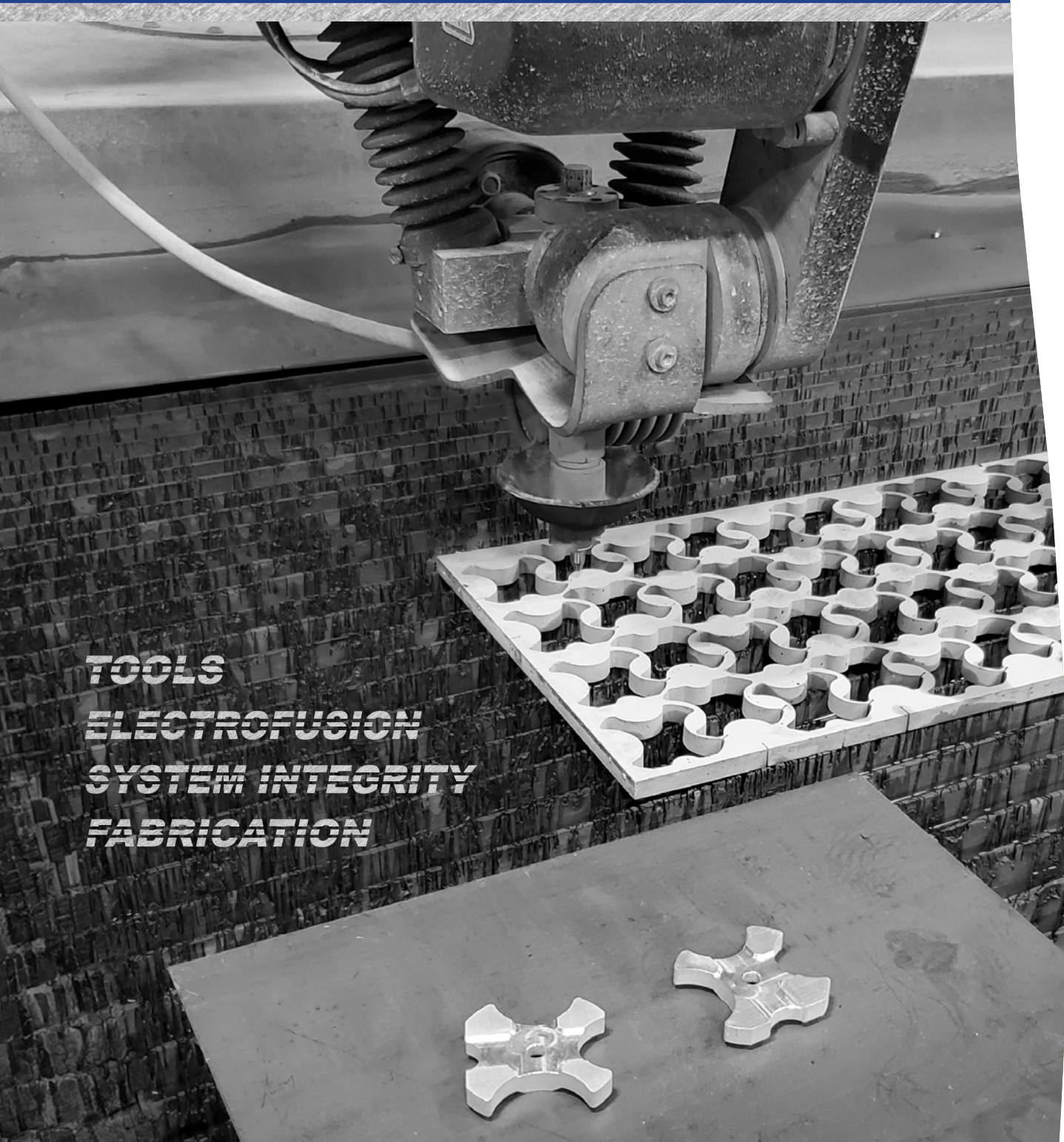




CUSTOM SOLUTIONS

for utility projects - from concept to reality



TOOLS
ELECTROFUSION
SYSTEM INTEGRITY
FABRICATION



TUBING CLAMP

Keep PE pipe secure during the electrofusion process with the clamp's uniquely designed jaws. Each vise grip style clamp is quick and easy to use, clamps one pipe size, and is customizable to most major fitting manufacturers.

Part Number	Description	Std. Jaw Inside Dimension
IQC050	1/2" CTS	4"
IQC065	1/2" IPS	4"
IQC070	3/4" CTS	4"
IQC075	3/4" IPS	4"
IQC100	1" CTS	4"
IQC125	1" IPS	4"
IQC420	1-1/4" IPS	4-3/8"
IQC550	2" IPS	4-7/8"

TUBING REDUCER CLAMP

Keep PE pipe secure during the electrofusion process with the clamp's uniquely designed jaws. Each vise grip style clamp is quick and easy to use with one reducing combination per model. Available in any 2" and smaller combinations and customizable to most major fitting manufacturers.



Part Number	Description	Std. Jaw Inside Dimension
IQC075050	3/4" IPS x 1/2" CTS	4"
IQC125050	1" IPS x 1/2" CTS	4"
IQC125065	1" IPS x 1/2" IPS	4"
IQC100070	1" CTS x 3/4" CTS	4"
IQC125075	1" IPS x 3/4" IPS	4"
IQC125100	1" IPS x 1" CTS	4"
IQC420075	1-1/4" IPS x 3/4" IPS	4-1/4"
IQC420100	1-1/4" IPS x 1" CTS	4-1/4"
IQC420125	1-1/4" IPS x 1" IPS	4-1/4"
IQC100050	1" CTS x 1/2" CTS	4"
IQC100075	1" CTS x 3/4" IPS	4"
IQC550420	2" IPS x 1-1/4" IPS	4-3/4"
IQC550420-EBL	2" IPS x 1-1/4" IPS	6"

Note: Any 2" and smaller combination available

TUBING MULTI CLAMP

Keep PE pipe secure during the electrofusion process with the clamp's uniquely designed jaws. Jaws rotate to desired configurations – standard or reducing – so one tool can be used for many applications.

Part Number	Description	Std. Jaw Inside Dimension
IQMC050125	Four pipe sizes: 1/2" CTS, 1" CTS, 3/4" IPS, 1" IPS (16 different combinations: clamps 4 coupling sizes & 12 reducer coupling size combinations)	3-7/8"
IQMC050550	Five pipe sizes: 1/2" CTS, 1" CTS, 3/4" IPS, 1-1/4" IPS, 2" IPS (20 different combinations: clamps 5 coupling sizes & 15 reducer coupling size combinations)	4-7/8"

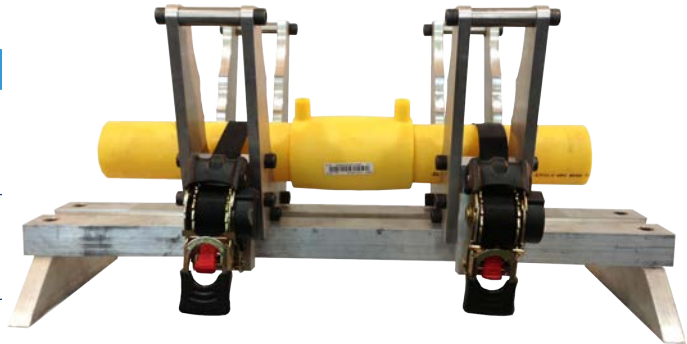


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MAINLINE CLAMP

Keep PE pipe secure during the electrofusion process with these clamps designed with quick release ratchet straps. Each model clamps four pipe sizes without needing inserts.

Part Number	Description
IQMC0206	Four standard pipe sizes: 2", 3", 4", 6" IPS (includes 2' dovetail bar & 2 clamps)
IQMC0612	Four standard pipe sizes: 6", 8", 10", 12" IPS (includes 2' dovetail bar & 2 clamps)



LINEBACKER ALIGNMENT CLAMP

The size specific alignment clamps help ensure that the pipes are correctly aligned and held securely in place during the electrofusion process. The lightweight aluminum body has an easy to operate latching mechanism that restrains tough to handle pipe preventing potential pullback or movement during the fusion and cooling time.

Part Number	Description
IQL2	2"
IQL3	3"
IQL4	4"
IQL6	6"
IQL8	8"
IQL10	10"
IQL12	12"



PENCIL SCRAPER COMBO

Prepare the end of PE pipe and tap tees for the electrofusion process with these dual end scrapers. The scrapers offer one-handed operation and have a fully machined aluminum body with a fixed 4-sided cutting blade.



Part Number	Description
IQPC075050	3/4" IPS x 1/2" CTS
IQPC100050	1" CTS x 1/2" CTS
IQPC100075	1" CTS x 3/4" IPS
IQPC125100	1" IPS x 1" CTS
IQPC125050	1" IPS x 1/2" CTS
IQPC125075	1" IPS x 3/4" IPS

PENCIL SCRAPER

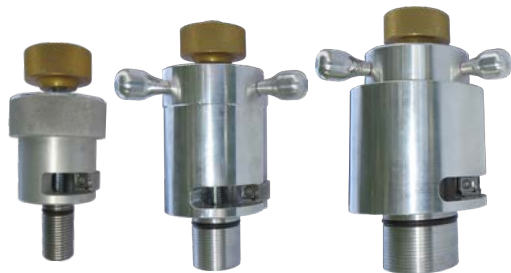
Prepare the end of PE pipe and tap tees for the electrofusion process with these single end scrapers. The scrapers offer one-handed operation and have a fully machined aluminum body with a fixed 4-sided cutting blade.



Part Number	Description
IQP050	1/2" CTS
IQP065	1/2" IPS
IQP070	3/4" CTS
IQP075	3/4" IPS
IQP100	1" CTS
IQP125	1" IPS
IQP420	1-1/4" IPS
IQP550	2" IPS

MANDREL PENCIL SCRAPER

Prepare PE pipe for electrofusion coupling and tap tee outlets using a single end pencil scraper with mandrel insert to round pipe that may be oval. The scrapers have a fully machined aluminum body with spring actuated, floating 4-sided cutting blade to give a complete peel.



Part Number	Description
IQPM050	1/2" CTS
IQPM065	1/2" IPS
IQPM075	3/4" IPS
IQPM100	1" CTS
IQPM125	1" IPS
IQPM420	1-1/4" IPS
IQPM550	2" IPS

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RAZORBACK SCRAPER

Prepare the end of PE pipe for electrofusion couplings, branch saddles, HVTTs and tap tees with these compact pipe scrapers designed to work in tight spaces. It requires only a 3" turning clearance around the pipe and works well even on out-of-round pipe creating a uniformly scraped surface. The scraper is machined out of billet aluminum and hard coated anodized with a fixed 4-sided cutting blade. Comes complete with hard plastic storage case.

Part Number	Description	Includes Case
IQR2	2" IPS	CIQR2-3
IQR3	3" IPS	CIQR2-3
IQR4	4" IPS	CIQR4-6
IQR6	6" IPS	CIQR4-6
IQR8	8" IPS	CIQR8



MAINLINE SCRAPER

Each model is designed to scrape a range of pipe sizes, and has the ability to scrape both pipe ends for electrofusion couplings and mid-pipe for tap tees and branch saddles.

Part Number	Description	Case Option
IQ200	1-1/4" thru 2"	CIQ200
IQ2040	2" thru 4"	CIQ2040
IQ600	4" thru 6"	CIQ600
IQ800	6" thru 8"	CIQ800



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PIPE WRENCH ASSIST

The aluminum design will yield if overstressed, and is safely secured to the wrench with a D-ring. Available in a padded or knurled anti-slip handles and fits most pipe wrenches.

Padded Handle Part Number	Knurled Handle Part Number	Wrench Size
PWA14	PWA14KE	14"
PWA18	PWA18KE	18"
PWA24	PWA24KE	24"
PWA36	PWA36KE	36"
PWA48	PWA48KE	48"



MD-52 METER NUT WRENCH

The wrench is made from stainless steel with 7 sided jaws to minimize damage to meter nuts. It also includes a meter valve adjustment feature. This tool is sized properly to avoid slippage and injuries.

Part Number	Description
MNW10	Used with 10 LT Meter Connection Spud
MNW1A	Used with 1A LT Meter Connection Spud
MNW20	Used with 20 LT Meter Connection Spud
MNW30	Used with 30 LT Meter Connection Spud
MNW45	Used with 45 LT Meter Connection Spud
MNW4A	Used with 4A LT Meter Connection Spud
MNW20x30	Dual sided. Used with 20 LT and 30 LT Meter Connection Spud



RETZ REGULATOR TOOL

This universal tool adjusts set points on most residential and commercial regulators.

Part Number	Description
RA246	Regulator Adjustment Tool

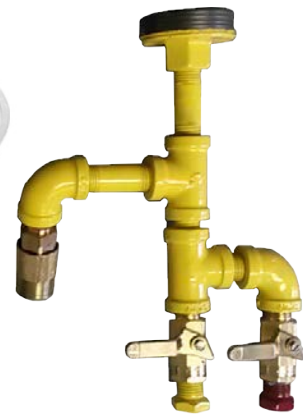
REGULATOR TESTER

Standard valves are drilled with #34 (7" WC / 50 CFH) orifice size, but other size and valve options are available upon request.

Part Number	Description
RT10	Used with 10 LT Meter Connection Spud
RT1A	Used with 1A LT Meter Connection Spud
RT20	Used with 20 LT Meter Connection Spud
RT30	Used with 30 LT Meter Connection Spud
RT45	Used with 45 LT Meter Connection Spud
RT20-DUAL	Two valve connection (#34 & #51). Used with 20 LT Meter Connection Spud.



#34 / 7" WC Connection



#51 / 2 LB Connection

UNIVERSAL VALVE COVER LIFTER

Designed to work with dual pick point valve covers with single-handed operation. Lifter spans 3-3/4" to 12-3/4" (4" to 13" nominal lid size). 4-pound, compact design. Induction hardened alloy tongs. Powder coated finish.

Part Number	Description
UVC12	Universal Valve Cover Lifter



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PIG PEN

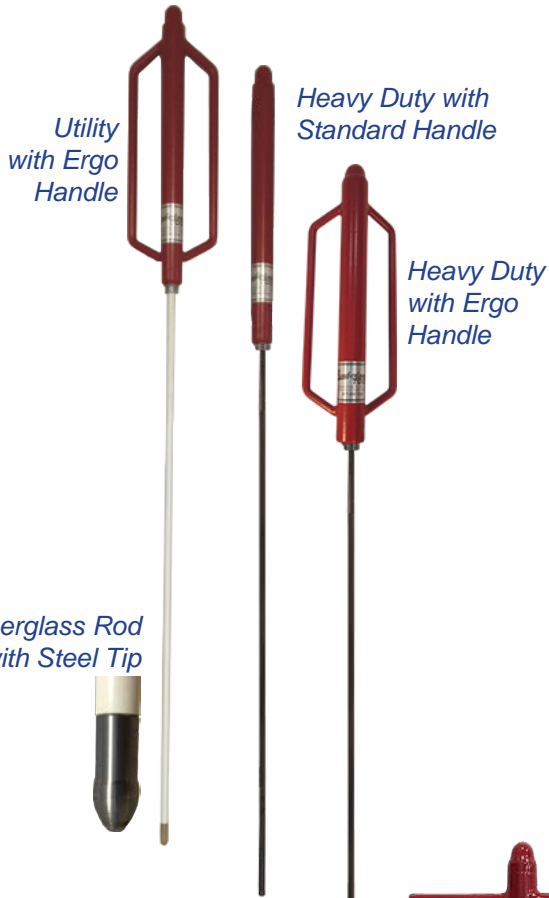
Designed with tuff mesh and stainless steel safety collars and cabling to safely collect foam pigs and debris that come out of the gas pipeline while pigging.

Part Number	Description
PPE550-744	Pig Pen with Collar Sizes for 2", 4", and 6" PE Pipe
LC420	1-1/4" Add-on Collar with Screw Clip
LC650	3" Add-on Collar with Screw Clip



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Fiberglass Rod with Steel Tip



Steel Rod with Replaceable Steel Tip



EZ JACK PLUNGER

These mechanically enhanced plungers have an ergo or standard handle design in either a heavy duty or utility version. The plunger rods are made of steel or fiberglass, and have a 52" probe depth.

Designed with an oversized tip to make retraction easier. Handle coated with PVC for up to 10,000 volt shock resistance.

Part Number	Description
EZ1006	Heavy Duty - Standard Handle, Steel Rod (weighs 15 lbs.)
EZ1005	Heavy Duty - Ergo Handle, Steel Rod (weighs 17.5 lbs.)
EZ1004	Utility - Ergo Handle, Steel Rod (weighs 13 lbs.)
EZ1004F	Utility - Ergo Handle, Fiberglass Rod

EZ T-PROBE

These mechanically enhanced probes are available in either a steel rod or fiberglass version with reinforced steel tip. 48" tool length.

Designed with an oversized tip to make retraction easier. Handle coated with PVC for up to 10,000 volt shock resistance.

Part Number	Description
EZT1000	Steel Rod with T-handle
EZT1000F	Fiberglass Rod with T-handle

EZ GROUND ROD

These mechanically enhanced ground rods penetrate hard soils and even frozen ground. Each rod comes with a stop plate at 11-1/2" to prevent over penetration. 25" tool length.

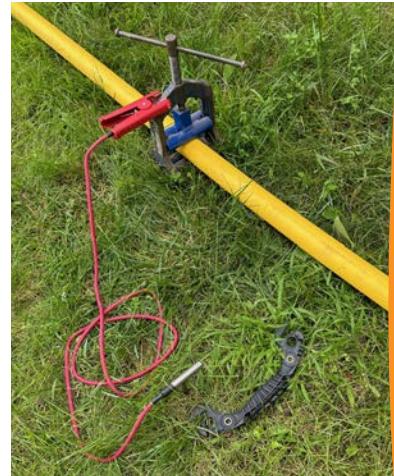
Designed with an oversized tip to make retraction easier. Handle coated with PVC for up to 10,000 volt shock resistance.

Part Number	Description
EZG1001	Steel Rod with Stop Plate

GROUNDING KIT

Dissipate electrical charges by using the Ground Kit to provide a path for the charge to reach the earth. The kit includes an 11" stainless steel tapped handle, 8' 0" #6 gauge sheathed stranded wire flex cable, 6" heavy duty copper clamp with 3 sided serrated jaws, magnetic attachment, and wire caddy for storage.

Part Number	Description
CPGRD08C	Grounding Kit



RAGE

The Rapid Air & Gas Extractor (RAGE) quickly pulls and purges surplus gas from above or below ground in the pipe. The 2" air mover is threaded on both ends to easily connect to the ground base, pipe fitting, or at the top. It operates using a powerful Venturi effect vacuum and connects easily through an air compressor.

Part Number	Description
RAGE550	Direct Pipe Application
RAGE550-GBK	Ground Base Option



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GAS TORNADO

Using the Venturi effect, this tool aggressively suctions gas from the ground. It generates 242" of simultaneous pick-up power with no moving parts, and can be used in less than 2" diameter holes at any depth.

Part Number	Description
T95993UNIT	Complete Unit (includes power head & lower unit)
T95993UNIT-TIP	Complete Unit with Threaded Insert Plug (includes power head & lower unit)



PURGE / TEST FITTING

Designed for high volume, quick and easy air pressure testing of PE pipe. It is reusable and can be configured for different size pipe using simple fusion reducers.

Part Number	Description
TH550-2406	2" HV Test Head, 3/4" NPT Tap, Medium Density PE
TH550-3408	2" HV Test Head, 3/4" NPT Tap, High Density PE

Used together or separately, these components help protect pipe during installation.



WEAK LINK P20

The Weak Link fuses to the Pulling Head and is designed to yield at a force of approximately 20% less than normal tensile strength of PE pipe.

Part Number for MDPE	Part Number for HDPE	Description
WL050-2406	WL050-3408	1/2" CTS
WL250-2406	WL250-3408	3/4" IPS
WL330C-2406	WL330C-3408	1" CTS
WL330I-2406	WL330I-3408	1" IPS
WL420-2406	WL420-3408	1-1/4" IPS
WL550-2406	WL550-3408	2" IPS
WL650-2406	WL650-3408	3" IPS
WL740-2406	WL740-3408	4" IPS
WL744-2406	WL744-3408	6" IPS
WL746-2406	WL746-3408	8" IPS
WL750-2406	WL750-3408	12" IPS

PULLING HEAD

The Pulling Head fuses to the Weak Link and leads the new polyethylene pipe and will keep debris out of the pipe during pull back if the Weak Link is compromised. It is available in both MDPE and HDPE pipe.

Part Number for MDPE	Part Number for HDPE	Description
JP050-2406	JP050-3408	1/2" CTS
JP250-2406	JP250-3408	3/4" IPS
JP330C-2406	JP330C-3408	1" CTS
JP330I-2406	JP330I-3408	1" IPS
JP420-2406	JP420-3408	1-1/4" IPS
JP550-2406	JP550-3408	2" IPS
JP650-2406	JP650-3408	3" IPS
JP740-2406	JP740-3408	4" IPS
JP744-2406	JP744-3408	6" IPS
JP746-2406	JP746-3408	8" IPS
JP750-2406	JP750-3408	12" IPS

MUD PLUG

The Mud Plug fuses to the Weak Link and will keep debris out of the pipe during pull back if the Weak Link is compromised. It is available in both MDPE and HDPE pipe.

Part Number for HDPE	Description
MP050-3408	1/2" CTS
MP250-3408	3/4" IPS
MP330C-3408	1" CTS
MP330I-3408	1" IPS
MP420-3408	1-1/4" IPS
MP550-3408	2" IPS
MP650-3408	3" IPS
MP740-3408	4" IPS
MP744-3408	6" IPS
MP746-3408	8" IPS
MP750-3408	12" IPS

Note: Also available in MDPE

SEIFERT LOCK BOX

The stainless steel needle valve lock works with 1/4" through 1/2" tubing sizes and accepts various locks. Added holes allow for additional lock out / tag out options.

Part Number	Description
CP025	Needle Valve Lock Box



Z REGULATOR STEM LOCK

The regulator lock is a simple design that allows you to use a variety of types of locks to protect access to the pressure adjustment screw. It has a sturdy, stainless steel design, and can be installed without interrupting service.

Part Number	Description
CPR038	Regulator Stem Lock



BEYER BOX

The box prevents meter valves from becoming buried below grade. It allows easy access to the meter sets and eliminates the need to rebuild them. The optional cover provides additional protection.

Part Number	Description
GARB16X16	Box & Lid
GARB16X16B	Box Only
GARB16X16L	Lid Only



SILVER BULLET

Attach the aluminum Silver Bullet to your tracer wire and install on the end of PE tubing for a weather tight seal and direct access point. A stainless steel set screw secures either 14, 12, or 10 gauge wire and the barbed insert is filled with a corrosion resistant, water displacing gel. The Silver Bullet is designed for 1/2" CTS tubing.

Part Number	Description
SB050	Silver Bullet



Patent Pending



Before



After



LOGIC LID, PLUG & EXTENSION

The Logic Lid is an alternative to conventional cast iron valve box lids. It eliminates noise complaints as well as costs associated with pop offs.

The Logic Plug keeps valve boxes dirt-free and prevents unauthorized operation of the valve.

The Logic Extension adds access to deep or critical valves. It can be completely assembled at an exact length or top open ended for field customization.

Part Number	Description
ULL-YL	Logic Lid
ULP-457-YL	Logic Plug
ULLE-1	Logic Extension (available in 12" increments)
ULLRT	Logic Lid Removal Tool

TEE'D UP MARKER

The Tee'd Up Marker is designed to give excavating operators early notice of buried utilities. The locating magnet, inside the top of the marker, makes it easy to identify the location above ground using a standard metal locator. The marker gives warning to the excavator that pipe is close.



Part Number	Description
TMST-ST	Direct Pipe Application Kit Kit includes 6" x 6" adhesive pad (Tapecoat), peg base, 2' of 1/2" CTS pipe, caution decals, and XT magnet.
TMTT-PC	Tap Tee Application Kit Kit includes cap cover to fit tap tees (Performance /GF), peg base, 2' of 1/2" CTS pipe, caution decals, and XT magnet.
TMHV-C	High Volume Tap Tee Application Kit Kit includes cap cover to fit high volume tap tees (Performance /GF), peg base, 2' of 1/2" CTS pipe, caution decals, and XT magnet.
TM01-3M	Peg Base Kit Kit includes peg base with 3M adhesive, 2' of 1/2" CTS pipe, caution decals, and XT magnet.

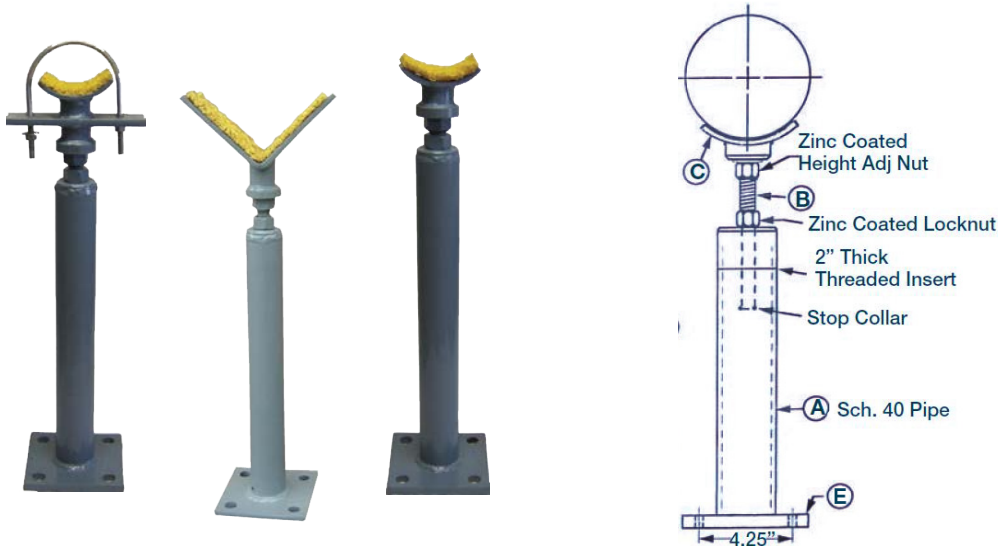
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PIPE STAND

The heavy-duty adjustable pipe stands are the ideal support for horizontal piping for new construction or piping upgrades. The stands feature a unique, heavy-duty, swivel top-works assembly and a rigid pipe shaft assembly for maximum strength.

Stand Description (Saddle Type)	Base Pipe Size (A)	Base Plate (E)	Stem Size (B)	Saddle Width (C)	21" - 27" Height (D) Part Number	27" - 33" Height (D) Part Number
2-6" V	2"	6" x 6"	7/8"	3"	GA2062S	GA0625SK
8-12" V	3"	6" x 6"	1-1/4"	3"	GA8123S	GA8123SK
2" Radius	2"	6" x 6"	7/8"	2"	GA0202S	GA0202SK
2-1/2" Radius	2"	6" x 6"	7/8"	2"	GA0252S	GA0252SK
3" Radius	2"	6" x 6"	7/8"	2"	GA0302S	GA0302SK
3-1/2" Radius	2"	6" x 6"	7/8"	2"	GA0352S	GA0352SK
4" Radius	1-1/2"	6" x 6"	1"	2"	GA0464S	GA0464SK
4" Radius	2"	6" x 6"	7/8"	2"	GA0402S	GA0402SK
6" Radius	2"	6" x 6"	7/8"	3"	GA0602S	GA0602SK
8" Radius	3"	6" x 6"	1-1/4"	3-1/2"	GA0803S	GA0803SK
10" Radius	3"	6" x 6"	1-1/4"	3-1/2"	GA0103S	GA0103SK
12" Radius	3"	6" x 6"	1-1/4"	3-1/2"	GA0123S	GA0123SK
14" Radius	3"	10" x 10"	1-1/4"	4"	GA0144S	GA0144SK
16" Radius	3"	10" x 10"	1-1/4"	5"	GA0164S	GA0164SK

Customized stands are available: valve supports, larger pipe support sizes, u-bolt top works, powder coat finishes, custom colors, custom heights, custom top-works, saddle materials





GAA10RIG



ICE GUARD

The guards provide protection for meters, regulators, and areas prone to snow and ice build-up. The Meter & Regulator Ice Guards are available up to 20" wide. Customized guards are available.

Part Number	Description
GAA80MRG	Meter / Regulator Ice Guard
GAA80-00	Meter / Regulator Ice Guard
GAA10MIG	Meter Ice Guard
GAA10RIG	Regulator Ice Guard

VENT CAP

The dome shaped vent caps are used for commercial regulators or casing pipe vents. The powder coated vent caps come complete with stainless steel mesh screening to prevent obstructions and ice buildup. Available in either a welded or threaded end.



Part Number	Description
VCWE02Y40	2" Welded Vent Cap with 40 Mesh Screen in Yellow
VCWE02G40	2" Welded Vent Cap with 40 Mesh Screen in Gray
VCSE01G30	1" Threaded Vent Cap with 30 Mesh Screen in Gray
VCSE02G30	2" Threaded Vent Cap with 30 Mesh Screen in Gray
VCSE02Y40	2" Threaded Vent Cap with 40 Mesh Screen in Yellow
VCSE02G40	2" Threaded Vent Cap with 40 Mesh Screen in Gray



METCALF VENT

The vents attach to regulator relief piping to keep them clear of obstructions or snow and ice build-up.

Part Number	Description
232920	Used with 2" Pipe
232921	Used with 3" Pipe
232922	Used with 4" Pipe
232923	Used with 6" Pipe

COMMERCIAL BRACKET

The brackets are typically used to support large industrial meters or large multiple meter sets. Custom sizes and options are available.

All brackets are powder coated to ensure long life and maintenance free service.

Part Number	Description
GAMBS1200	12" Bracket Length
GAMBS1800	18" Bracket Length
CBC420	1-1/4" Top Clamp
CBC550	2" Top Clamp
CBC650	3" Top Clamp
CBC740	4" Top Clamp
CBC744	6" Top Clamp



RISER BRACKET

The brackets are typically used to support manifolds or riser pipe and will hold 3/4" to 2" pipe.

All brackets are powder coated to ensure long life and maintenance free service.

Part Number	Description
GA8-12S	Adjustable Bracket
GA2X9	Dual Bracket

Note: The GA8-12S standard offset adjusts from 8" to 12" (length can be modified). Bracket can also be furnished with a specific rigid dimension.



METER BAR / RISER DRIVE POST

The posts provide added stability to meter sets.

All posts are powder coated to ensure long life and maintenance free service.

Part Number	Description
GAR20053	5' Riser Drive Post
GAR20052	5' Meter Bar Drive Post
GAR20062	6' Meter Bar Drive Post





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