

# GAS DISTRIBUTION PRODUCTS PA MECHANICAL SADDLES & FITTINGS



***Continental Industries***

A Division of  **BURNDY** LLC

The Ultimate Connection  
[www.conind.com](http://www.conind.com)

# ABOUT US

## Our Company

Continental Industries, headquartered in Tulsa , Oklahoma , was formed in 1958 and is today a leading manufacturer of connectors for the Gas Utility, Gas & Water Distribution, Propane, Plumbing and Cathodic Protection markets. An ISO 9001 certified company, Continental Industries has manufacturing locations in Tulsa and Broken Arrow , Oklahoma. Our employees are committed to providing the best value to our customers.

Our full line of plastic and steel connector products are produced utilizing state-of-the-art injection molding machines, automatic screw machines, and CNC machining equipment. Our commitment to quality is evident in every step of our business processes. Renowned for our design and development of technologically advanced products, we provide our customers with reliable, cost-effective solutions to their “main to meter” service line installation, repair, or renewal problems.

thermOweld® , our exothermic welding materials and accessories products, provide a simple, efficient, cost effective method of permanently connecting two or more conductors utilizing a high temperature exothermic reaction between Aluminum and Copper Oxide to produce an almost pure copper weld. We manufacture all of our weld metal and molds in Oklahoma so you are certain of getting consistent, high quality products to satisfy your exothermic welding needs.

## Our Vision

Simply stated, our vision is “To be a Sales and Customer Driven Company” . Our commitment to providing the best value to our customers is shared by the entire organization and is evidenced by both the number of long standing relationships we have gratefully developed over the years and the new relationships we are developing every day.

## Why Use

Continental Industries is the industry leader in the manufacturing of plastic and steel mechanical fittings for the Gas & Water industry. From the Con-Stab ID Seal® to Scope®, steel saddles to HVT, quality and service is what drives us at Continental Industries.

Manufacturing fittings since 1958, Continental has the experience and confidence necessary to provide the best quality products on the market today. Continental Industries’ mechanical fittings will save you both time and money and give you the peace of mind that comes with using a quality product.

Continental Industries’ uses only the highest quality raw materials, engineered designs and manufacturing processes to ensure the consistent quality that makes Continental Industries’ products second to none.

With regional sales offices located throughout the United States, a Continental Industries representative is only a phone call away to help with any questions you may have.

Come experience what so many other satisfied customers have experienced, the excitement and family atmosphere that is Continental Industries!

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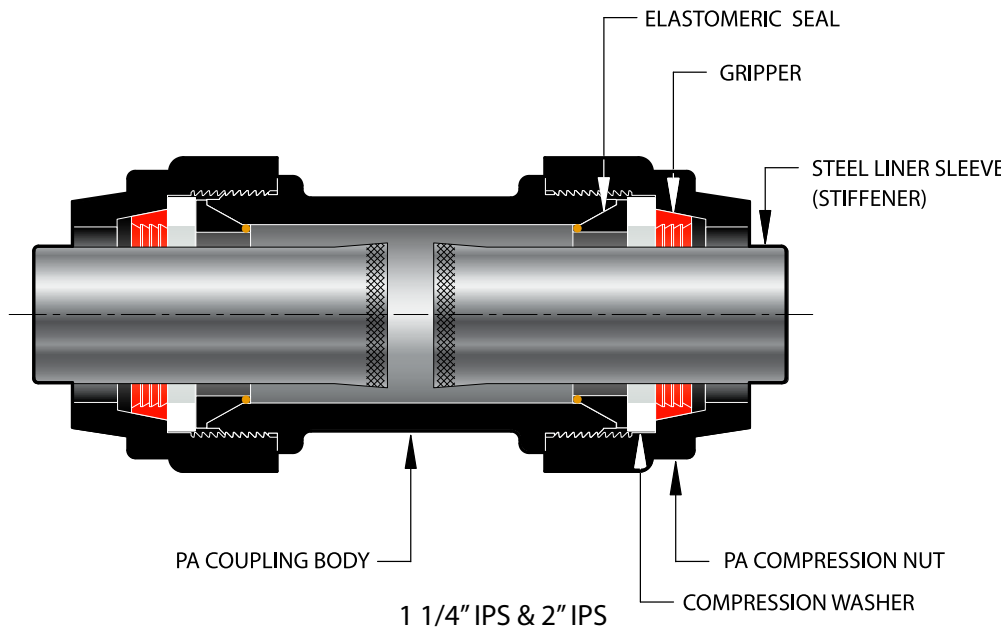
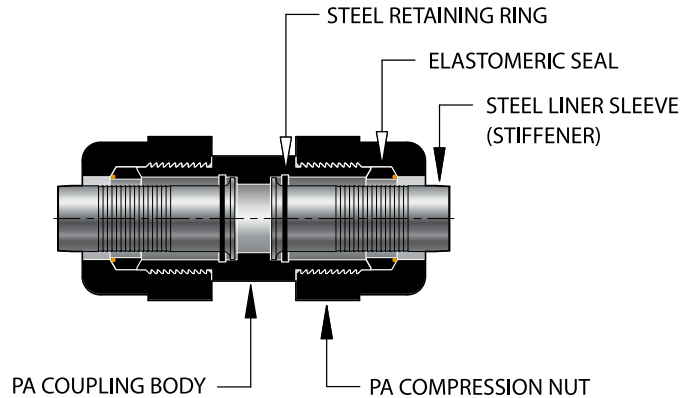
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# PA COMPRESSION FITTINGS

## PA COMPRESSION FITTINGS



- QUICKLY AND EASILY INSTALLED—because it's pre-assembled. Just insert tubing and tighten compression nut (except for 1 1/4" & 2" IPS, see instructions on shipping bag).
- PA COMPRESSION FITTINGS—can be used on a variety of polyethylene fuel gas piping. Visual indicators make repeatable and successful installation a cinch. The installation is simple and the same procedure is used for 3408/4710, 2406, 2306 or 3306 PE.
- DESIGNED FOR MAXIMUM PULL-OUT STRENGTH—tensile strength exceeds requirements of D.O.T., Title 49 of the Code of Federal Regulations, Part 192.283 (b)
- PERMANENT LEAK-PROOF JOINT
- ECONOMICAL AND EXTREMELY VERSATILE
- GASKET FULLY RETAINED TO PREVENT COLD FLOW
- Reference Instruction Sheet 34-4834-92 for 1/2" CTS through 1" IPS and 34-4834-32 for 1 1/4" & 2" IPS couplings for proper installation.

# PA COMPRESSION FITTINGS



## PA COMPRESSION FITTINGS Full Couplings

PE SIZE	WALL	PART NUMBER
1/2" CTS (5/8" OD)	.090	5657-52-1004-00‡
	.062	5657-52-1004-AA
1" CTS (1 1/8" OD)	.099/.101	5657-52-1008-00
	.090	5657-52-1008-AA
3/4" IPS	SDR-11 (.095)	5657-52-1013-00
1" IPS	SDR-11 (.119)	5657-52-1014-00
1 1/4" IPS	SDR-10 (.166)	5657-52-1015-00
	SDR-11 (.151)	5657-52-1015-AA
2" IPS	SDR-11 (.216)	5657-52-1017-00



- For sizes not listed, contact Continental Industries.
- PA Compression fittings rated at 125 psig.
- For PA Couplings with EFV's, contact Continental Industries.
- ‡ = IAPMO/UPC Listed

## PA COMPRESSION FITTINGS End Caps

PE SIZE	WALL	PART NUMBER
1/2" CTS (5/8" OD)	.090	5657-53-1004-00
	.062	5657-53-1004-0A
1" CTS (1 1/8" OD)	.099/.101	5657-53-1008-00
	.090	5657-53-1008-0A
3/4" IPS	SDR-11 (.095)	5657-53-1013-00
1" IPS	SDR-11 (.119)	5657-53-1014-00
1 1/4" IPS	SDR-10 (.166)	5657-53-1015-00
	SDR-11 (.151)	5657-53-1015-0A
2" IPS	SDR-11 (.216)	5657-53-1017-00



- For sizes not listed, contact Continental Industries.
- PA Compression fittings rated at 125 psig.



For Fittings with EFV's,  
Contact Continental Industries

### PA Material

- ▶ ASTM D 2513 listed material
- ▶ Elevated temperature performance
- ▶ Superior chemical resistance
- ▶ Much stronger than P.E.



# PA COMPRESSION FITTINGS

## PA COMPRESSION FITTINGS 3-Way Tees

PE SIZE	WALL	PART NUMBER
1/2" CTS (5/8" OD)	.090	5657-50-1004-00
	.062	5657-50-1004-AA
1" CTS (1 1/8" OD)	.099/.101	5657-50-1008-00
	.090	5657-50-1008-AA
3/4" IPS	SDR-11 (.095)	5657-50-1013-00

- For sizes not listed, contact Continental Industries.
- PA Compression fittings rated at 125 psig.



## PA COMPRESSION FITTINGS 90° Elbows

PE SIZE	WALL	PART NUMBER
1/2" CTS (5/8" OD)	.090	5657-51-1004-00
	.062	5657-51-1004-AA
1" CTS (1 1/8" OD)	.099/.101	3259-51-1008-00
	.090	5657-51-1008-AA
3/4" IPS	SDR-11 (.095)	5657-51-1013-00

- For sizes not listed, contact Continental Industries.
- PA Compression fittings rated at 125 psig.



## PA COMPRESSION FITTINGS Reducer Couplings

PE SIZE	WALL	PE SIZE	WALL	PART NUMBER
1/2" CTS (5/8" OD)	.090	1/2" CTS (5/8" OD)	.062	5657-54-0404-0A
		1/4" CTS (3/8" OD)	.062	5657-54-0402-00
1" CTS (1 1/8" OD)	.099/.101	3/4" IPS	SDR-11 (.095)	5657-54-0813-00
				5657-54-0813-A0
	.099/.101	1/2" CTS (5/8" OD)	.062	5657-54-0804-0A
				5657-54-0804-AA
	.090	1/2" CTS (5/8" OD)	.090	5657-54-0804-00
				5657-54-0804-A0
3/4" IPS	SDR-11 (.095)	1/2" CTS (5/8" OD)	.090	5657-54-1304-00
			.062	5657-54-1304-0A
1" IPS	SDR-11 (.119)	1" CTS (1 1/8" OD)	.099/.101	5657-54-1408-00
			.090	5657-54-1408-0A
		3/4" IPS	SDR-11 (.095)	5657-54-1413-00
				5657-54-1404-00
		1/2" CTS	.090	5657-54-1404-00
	.062	5657-54-1404-0A		
1 1/4" IPS	SDR-10 (.166)	1 1/4" IPS	SDR-11 (.151)	5657-54-1015-0A

- For sizes not listed, contact Continental Industries.
- PA Compression fittings rated at 125 psig.



# PA ELIMINATORS



## PA ELIMINATORS Plastic Saddle Punch Tee For Use On PVC and PE Mains

The changing challenges of today's gas industry demand a better option for making lateral connections to plastic gas pipe. Your absolute best option is now the Eliminator mechanical saddle.

**Faster.** No preparation/set-up time for auxiliary tooling. Installation with the Eliminator mechanical saddle takes just one man only seven minutes, compared to fusion saddles that require two men 30 minutes, to complete an installation. Eliminates the cooling time before removing clamps, before the pressure test, or before tapping the main. Only one tool—a "T" wrench—is required. Auxiliary equipment like generators, extension cords, clamps, scrapers, or special holding fixtures are NOT required.

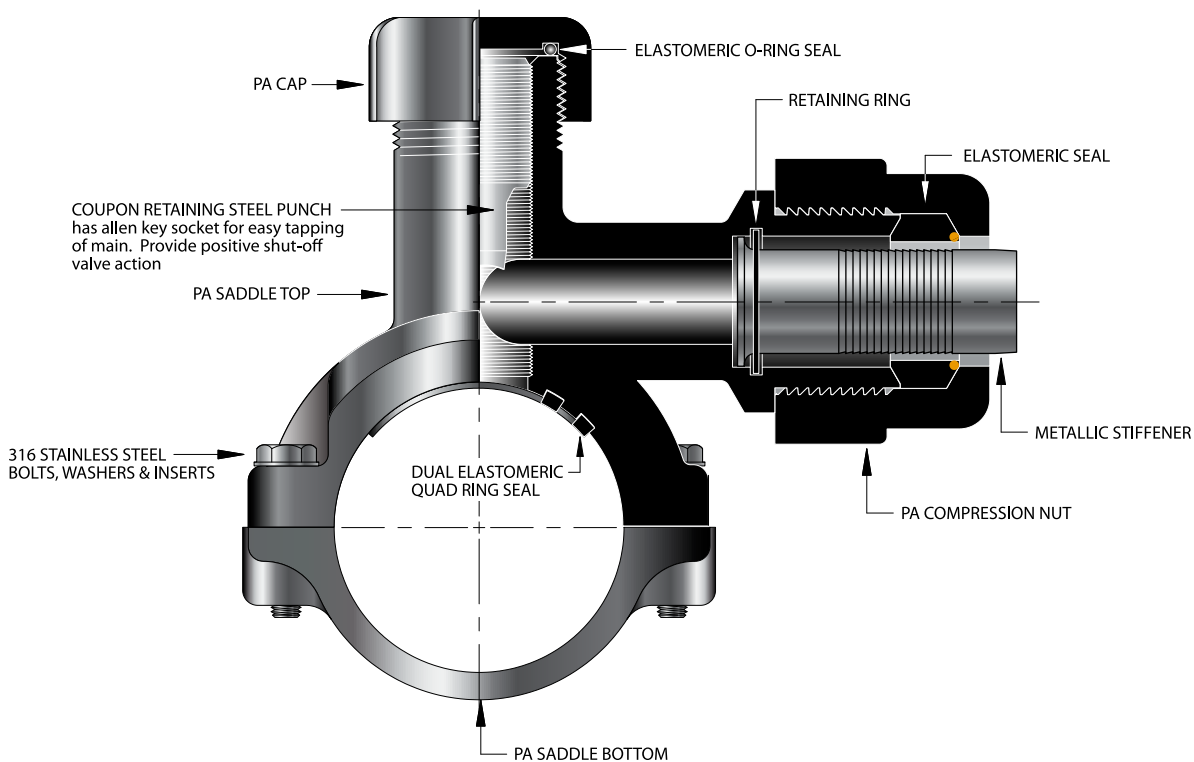
**Easier.** The Eliminator works on ALL kinds of pipe material...with a simple, consistent assembly process with visual indicators. This assembly does not require complex measurement devices, just easy to follow guidelines. The 3-step installation (bolt, stab and tap) is the simplest yet and the same procedure is used for 3408/4710, 2406, 2306, 3306 PE or PVC mains. Calibration is NOT required. And finally, the Eliminator easily accommodates field variables like out-of-roundness, coiled pipe, weather, scratches, and pressure testing.

**More Economical.** It isn't hard to figure out that by requiring only one man 7 minutes to install the Eliminator, instead of the usual 2 men spending 30 minutes...the labor savings are significant. Plus there are no long-term maintenance costs of equipment and reduced training costs.

**Safer.** With the Eliminator, there's no chance of shocks from electrical equipment, chance of burns from heater plates, and no difficulties often experienced with pressured piping.

**Superior Dependability.** The Eliminator remains the market leader since its development in 1968. The Eliminator has been successfully installed millions of times...millions. The superior design ensures safe operations at elevated internal pressures and the ability to exceed all requirements of ASTM F 1924. And you can count on the Eliminator connection to endure in the most severe environmental conditions.

Choose the Eliminator or else forget about enjoying superior time and cost savings, reduced safety risks, and one of the industry's highest performance reputations.





# PA ELIMINATORS

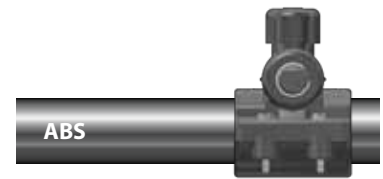
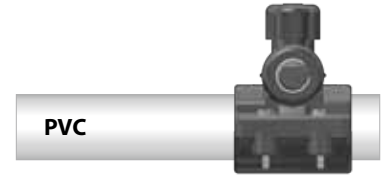
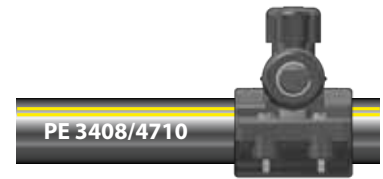
## PA ELIMINATORS

OUTLET (PE SIZE)	WALL	MAIN SIZE	PART NUMBER	
			5864 1/2" CR PUNCH	5764 13/16" CR PUNCH
1/2" CTS (5/8" OD)	.090	1 1/4"	5864-15-1004-00	N/A
		2"	5864-17-1004-00	5764-17-1004-00
		3"	5864-19-1004-00	5764-19-1004-00
		4"	5864-21-1004-00	5764-21-1004-00
		6"	5864-24-1004-00	5764-24-1004-00
	.062	1 1/4"	5864-15-1004-0A	N/A
		2"	5864-17-1004-0A	5764-17-1004-0A
		3"	5864-19-1004-0A	5764-19-1004-0A
		4"	5864-21-1004-0A	5764-21-1004-0A
		6"	5864-24-1004-0A	5764-24-1004-0A
1" CTS (1 1/8" OD)	.099/.101	1 1/4"	5864-15-1008-00	N/A
		2"	5864-17-1008-00	5764-17-1008-00
		3"	5864-19-1008-00	5764-19-1008-00
		4"	5864-21-1008-00	5764-21-1008-00
		6"	5864-24-1008-00	5764-24-1008-00
	.090	1 1/4"	5864-15-1008-0A	N/A
		2"	5864-17-1008-0A	5764-17-1008-0A
		3"	5864-19-1008-0A	5764-19-1008-0A
		4"	5864-21-1008-0A	5764-21-1008-0A
		6"	5864-24-1008-0A	5764-24-1008-0A
3/4" IPS	SDR-11 (.095)	1 1/4"	5864-15-1013-00	N/A
		2"	5864-17-1013-00	5764-17-1013-00
		3"	5864-19-1013-00	5764-19-1013-00
		4"	5864-21-1013-00	5764-21-1013-00
		6"	5864-24-1013-00	5764-24-1013-00
1" IPS	SDR-11 (.119)	1 1/4"	5864-15-1014-00	N/A
		2"	5864-17-1014-00	5764-17-1014-00
		3"	5864-19-1014-00	5764-19-1014-00
		4"	5864-21-1014-00	5764-21-1014-00
		6"	5864-24-1014-00	5764-24-1014-00
8"	N/A	5764-26-1014-00		

- For sizes not listed, contact Continental Industries.
- PA Eliminators are rated at 125 psig.
- Recommended accessories;
  - 33-5505-00 ~ Combination Tapping Tool & Saddle Bolt "T" Wrench for 1 1/4" thru 6" IPS Eliminators (pg 13)
  - 33-5505-01 ~ Combination Tapping Tool & Saddle Bolt "T" Wrench for 3" thru 8" IPS Eliminators (pg 13)
  - 33-5508-00 ~ Test Plug Cap for Eliminator Saddles (pg 13)
- For PA Eliminators with EFV's, contact Continental Industries.
- For Protective Sleeves, see page 14.



33-5505-00 & 33-5505-01  
Combination Tapping Tool & Saddle Bolt  
"T" Wrench (pg 13)



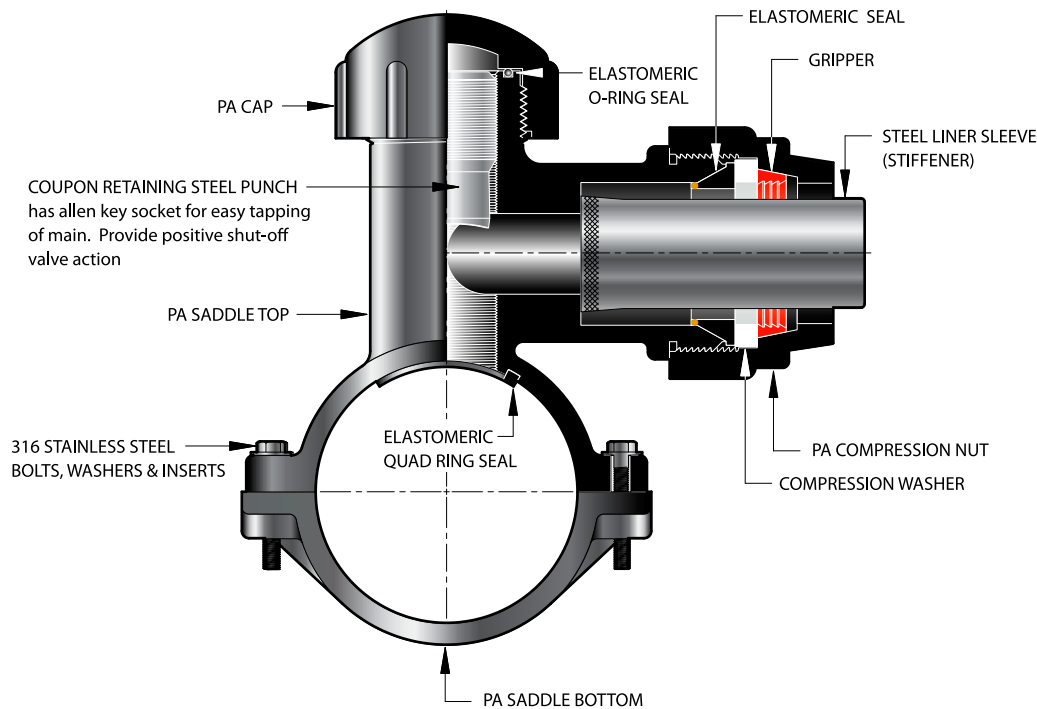
**MECHANICAL SADDLES**  
are the most economical and dependable way to make lateral connections to plastic gas pipe.

The Eliminator can be used on a variety of plastic fuel gas piping.

# HVT ELIMINATORS



## PA HIGH VOLUME TEE (HVT) ELIMINATORS Plastic Saddle Punch Tee For Use On PVC and PE Mains



With today's labor and economic conditions, you need a better option for making 1 1/4" and 2" lateral connections to plastic pipe. Continental's PA High Volume Tee is the only mechanical saddle that offers a 1 1/2" coupon retaining punch to minimize flow restrictions and maximize gas flow. Continental's PA High Volume Tee is available for 2", 3", 4", and 6" plastic pipe. Furthermore, you can choose Con-Stab or Compression outlets for your lateral connection.

**Easy to install.** The HVT can be used on a variety of plastic fuel gas piping. Visual indicators make repeatable successful installation a cinch. The 2-stage installation is the simplest yet and the same procedure is used for 3408/4710, 2406, 2306, 3306 PE or PVC. Calibration is NOT required. And finally, the HVT easily accommodates field variable like out-of-roundness, coiled pipe, weather, and pressure testing.

**Fast.** Whereas fusion saddles require two men approximately 45 minutes to complete an installation of a single tee, installation with the HVT mechanical saddle takes just one man only 10 minutes. There's no cooling time necessary before removing clamps, before the pressure test, or before tapping the main. Auxiliary equipment like computerized controllers, generators, extension cords, clamps, scrapers, or special holding fixtures are NOT required.

**Economical.** It isn't hard to figure out that by requiring only one man 10 minutes to install the HVT, instead of the usual fusion method...the manpower savings are significant. Plus there are no long-term maintenance costs of equipment and reduced training requirements.

**Safe.** With the HVT, there's no chance of shocks from electrical equipment, no chance of burns from heater plates, and no difficulties often experienced with saddle fusions made to pressurized mains.

**Superior Dependability.** The market leader since its development in 1968. The HVT has been successfully installed millions of times...millions. The innovative design and advanced sealing methodology utilized means the extended life of the piping system. And you can count on the HVT connection to endure in the most severe environmental conditions. The superior design ensures safe operations at elevated internal pressures and the ability to exceed all requirements of ASTM F 1924.

For all your high volume lateral connections on plastic pipe, choose the super easy HVT.



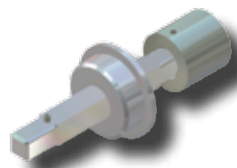


# HVT ELIMINATORS

## PA HVT ELIMINATORS

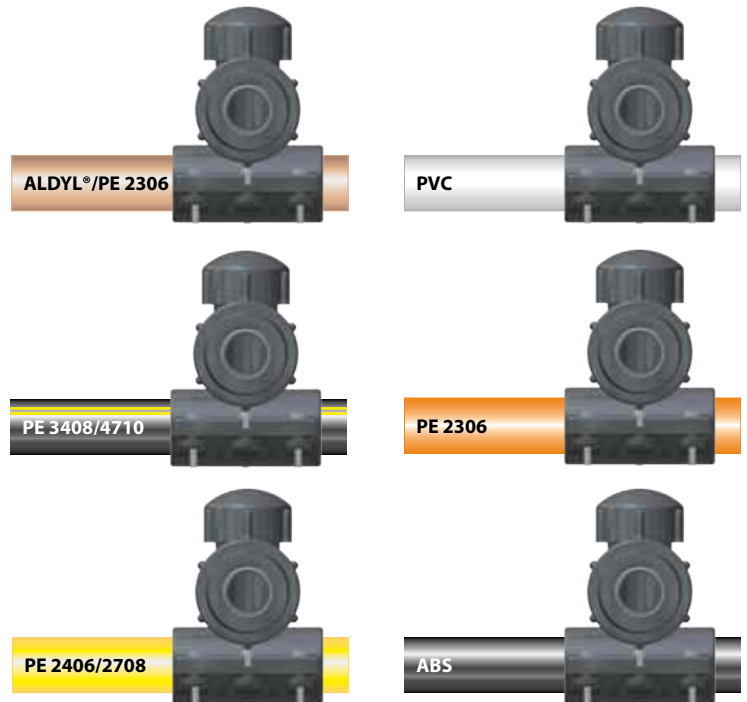
OUTLET (PE SIZE)	WALL	MAIN SIZE	PART NUMBER 1 1/2" CR PUNCH
1 1/4" IPS	SDR-10 (.166)	2"	5664-17-1015-00
		3"	5664-19-1015-00
		4"	5664-21-1015-00
		6"	5664-24-1015-00
	SDR-11 (.151)	2"	5664-17-1015-0A
		3"	5664-19-1015-0A
6"		5664-24-1015-0A	
2" IPS	SDR-11 (.216)	2"	5664-17-1017-00
		3"	5664-19-1017-00
		4"	5664-21-1017-00
		6"	5664-24-1017-00

- For sizes not listed, contact Continental Industries.
- PA HVT Eliminators are rated at 125 psig.
- Recommended accessories;
  - 33-4363-00 ~ 1/2" Square Drive Key, Bushing and Socket Adapter (pg 13)
  - 33-6290-00 ~ Test Plug Cap for Eliminator Saddles (pg 13)
- For Protective Sleeves, see page 14.



33-4363-00  
1/2" Square Drive Key, Bushing and Socket Adapter (pg 13)

- AVAILABLE WITH:
  - 2" to 6" IPS mains
  - Compression or Stab outlet
  - 1 1/2" coupon retaining punch
- INCREASED PRESSURE CAPABILITY:
  - All saddles are pressure rated @ 125 psi
  - PA saddles elevated temperature code CE
- POLYAMIDE MATERIAL (PA):
  - Used for 30 years in gas industry
  - Listed material in ASTM D 2513
  - Superior chemical resistance
  - PA is stronger than PE
  - Elevated temperature performance
- FULL CIRCUMFERENTIAL COMPRESSION
  - Stable foundation
  - Rotation resistance
  - Equal stress distribution
  - Simple tapping procedure



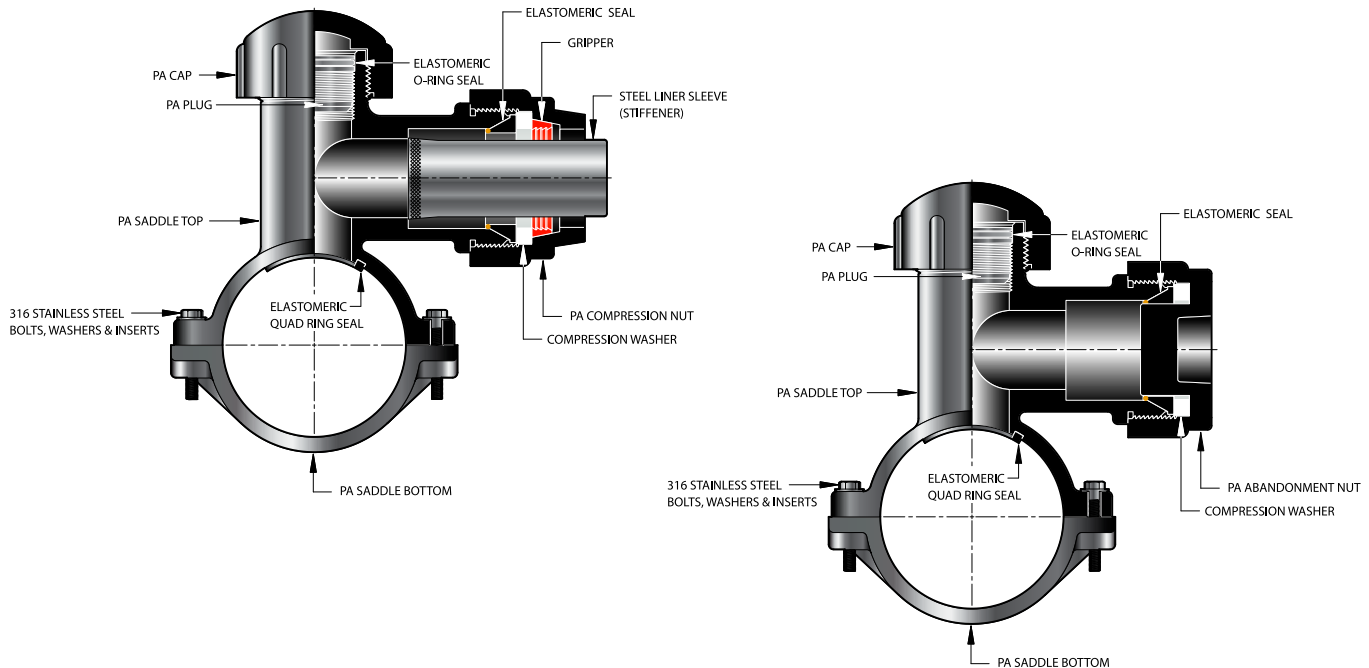
The HVT can be used on a variety of plastic fuel gas piping.

## BY-PASS TEES



## PA BY-PASS TEES

## Plastic Saddle Punch Tee For Use On PVC and PE Mains



Making repairs to first generation poly system pipes is really difficult and always requires a certain amount of downtime, right? Wrong.

By-Pass Tees make these repairs simpler than you can imagine. And even better, there's no downtime involved. Consider the problems associated with squeeze off techniques and how you can by-pass those problems with By-Pass Tee solutions.

**Problem:** Squeeze off is not a viable option for PVC, ABS or FRP pipe.

**Solution:** By-Pass Tees work extremely well with various type of plastic piping.

**Problem:** Squeeze off is cumbersome for larger pipe diameters.

**Solution:** By-Pass Tees can be used on 1 1/4", 1 1/2, & 2" IPS mains.

**Problem:** Squeeze off can be detrimental to some older generation PE pipe.

**Solution:** By-Pass Tees can be easily, safely and reliably installed on older PE pipe.

**Problem:** Squeeze off doesn't always achieve 100% shutoff:

- at 30% compression, the squeeze point ears allow some flow by
- cold temperatures cause the ears to be larger because the pipe isn't as pliable
- squeeze rate can develop wrinkles in the ears

**Solution:** The design and the installation of By-Pass Tees ensure 100% shutoff. In addition, they are rated for 125 psi and create much less stress on the main.

**Let's review:** By-Pass Tees provide solutions that are easier, safer and more reliable than squeeze off techniques. By-Pass Tees work with all kinds of plastic pipe, including older PE pipe. And, By-Pass Tees require no downtime.

You could say By-Pass Tees help you By-Pass T...that's T for Trouble.



# BY-PASS TEES

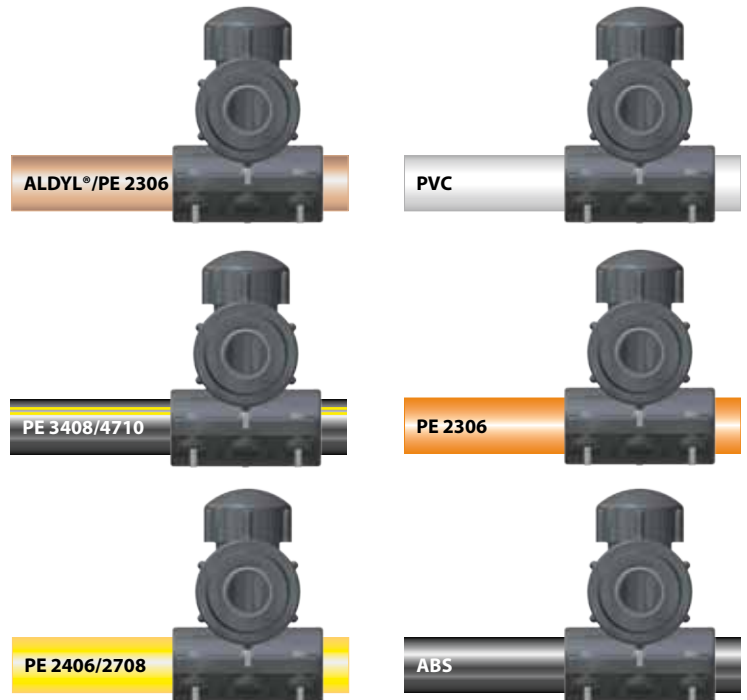
## PA BY-PASS TEES

OUTLET (PE SIZE)	WALL	MAIN SIZE	PART NUMBER (PE COMPRESSION OUTLET)	PART NUMBER (ABANDONMENT OUTLET)
1 1/4" IPS	SDR-10 (.166)	1 1/4"	5662-15-1015-00	5662-15-2715-00
		1 1/2"	5662-16-1015-00	5662-16-2715-00
	SDR-11 (.151)	1 1/4"	5662-15-1015-0A	5662-15-2715-0A
		1 1/2"	5662-16-1015-0A	5662-16-2715-0A
2" IPS	SDR-11 (.216)	2"	5662-17-1017-00	5662-17-2717-00

- For sizes not listed, contact Continental Industries.
- PA By-Pass Tees are rated at 125 psig.



- AVAILABLE WITH:
  - 1 1/4", 1 1/2" & 2" IPS mains
  - 1 1/4" & 2" IPS Compression outlets
- INCREASED PRESSURE CAPABILITY:
  - All saddles are pressure rated @ 125 psi
  - PA saddles elevated temperature code CE
- POLYAMIDE MATERIAL (PA):
  - Used for 30 years in gas industry
  - Listed material in ASTM D 2513
  - Superior chemical resistance
  - PA is stronger than PE
  - Elevated temperature performance
- FULL CIRCUMFERENTIAL COMPRESSION
  - Stable foundation
  - Rotation resistance
  - Equal stress distribution
  - Simple tapping procedure



The By-Pass Tees can be used on a variety of plastic fuel gas piping.

# BY-PASS TEES



## BY-PASS INSTALLATION EXAMPLE



1. Damaged pipe to be repaired



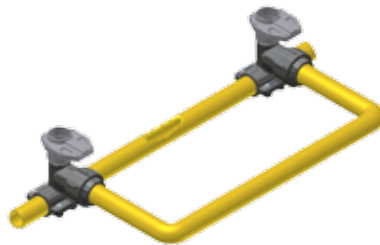
2. Place By-Pass Saddles onto main



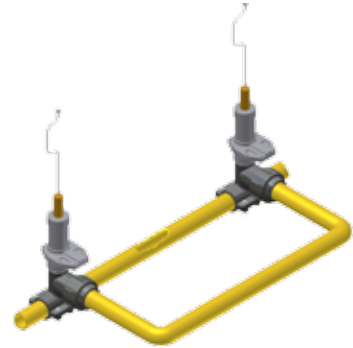
3. Remove abandonment nuts and replace with compression nuts



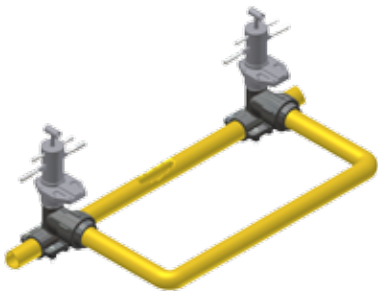
4. Install PE pipe by-pass



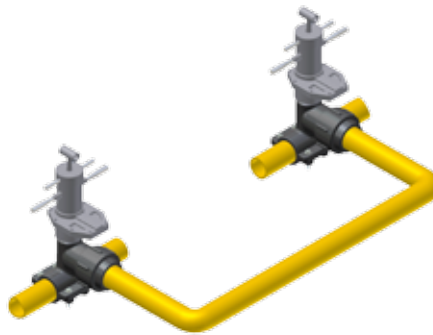
5. Install valve adapter and valve



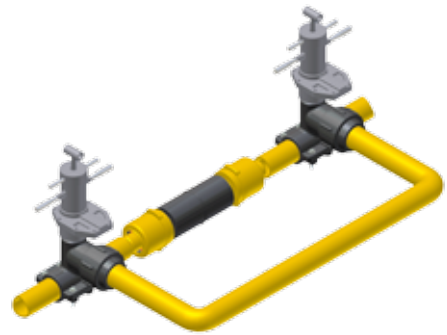
6. Install speed tapper and cut hole in pipe



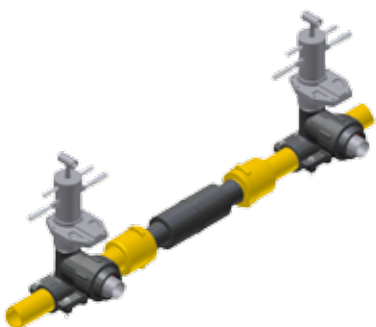
7. Install plugging unit and plug main



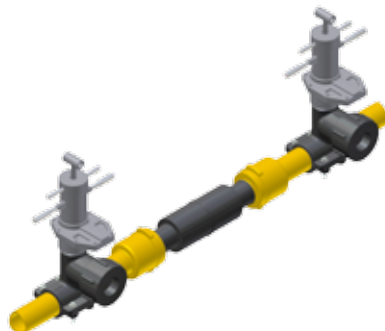
8. Remove damaged pipe



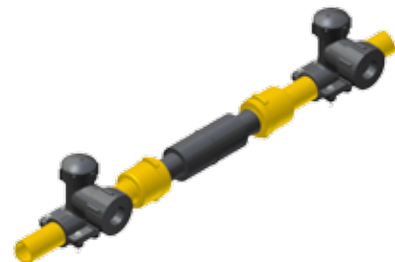
9. Repair damaged pipe



10. Move sealing element to outlet. Remove PE pipe by-pass



11. Install abandonment nuts



12. Completed repair



# ACCESSORIES

## For PA Eliminators, HVT's & By-Pass Tees



33-5505-00 ~ Combination Tapping Tool & Saddle Bolt "T" Wench for 1 1/4" thru 6" IPS Con-Stab ID Seal® Eliminators  
 33-5505-01 ~ Combination Tapping Tool & Saddle Bolt "T" Wench for 3" thru 8" IPS Con-Stab ID Seal® Eliminators

33-4363-00 ~ 1/2" Square Drive Key, Bushing & Socket Adapter Ass'y for HVT Eliminator Saddles



33-5508-00 ~ Test Plug Cap for Eliminator Saddles  
 33-6290-00 ~ Test Plug Cap for HVT Saddles

33-4916-00 ~ 1 1/4" & 1 1/2" IPS Main By-Pass Tee Valve Adapter  
 33-4625-00 ~ 2" IPS Main By-Pass Tee Valve Adapter



## ACCESSORIES

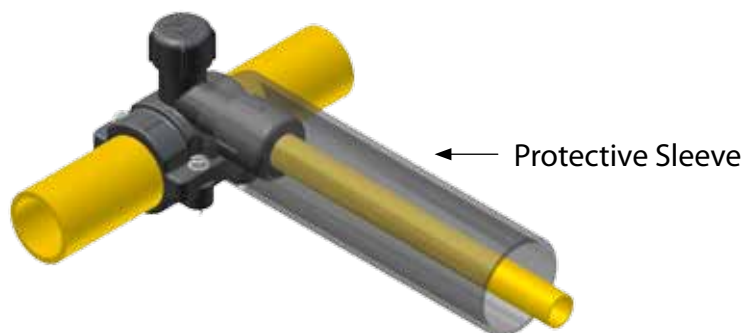


## PROTECTIVE SLEEVES



CATALOG NUMBER	DIAMETER		LENGTH	FOR USE WITH CONTINENTAL PRODUCTS			
	INTERNAL	OUTSIDE		STEEL FITTINGS	PVC FITTINGS	PA FITTINGS	STAB FITTINGS
44-2585-00	1.370/1.395	1.612	12"		1/4" OD & 7/8" OD P.E. Compression O/L's		
44-2586-00	1.875/1.915	2.190	12"		3/8" OD & 5/8" OD P.E. Compression O/L's	3/8" OD & 5/8" OD P.E. Compression O/L's	
44-2587-00	2.375/2.425	2.760	12"	3/8" OD, 5/8" OD P.E. Compression O/L's	1 1/8" OD, 1/2" IPS & 3/4" IPS P.E. Compression O/L's	1 1/8" OD P.E. Compression O/L's	
44-2588-00	2.375/2.425	2.760	21"	5/8" OD, 1/2" IPS & 3/4" IPS P.E. Transition O/L's			
44-2589-00	2.875	3.270	24"	7/8" OD, 1/2" IPS P.E. Compression O/L's	1" IPS P.E. Compression O/L's	3/4" IPS & 1" IPS P.E. Compression O/L's	5/8" OD, 7/8" OD, 1 1/8" OD, 1/2" IPS, 3/4" IPS & 1" IPS O/L's
				1 1/8" OD, 1" IPS P.E. Transition O/L's			
44-5753-00	4.250 MIN.	4.760	24"	1 1/8" OD, 3/4" IPS, 1" IPS, 1 1/4" IPS & 1 1/2" IPS P.E. Compression O/L's	1 1/4" IPS P.E. Compression O/L's	1 1/4" IPS P.E. Compression O/L's	1 1/4" IPS & 1 1/2" IPS O/L's
				1 1/4" IPS P.E. Transition O/L's			
44-5754-00	5.200 MIN.	5.820	36"		2" IPS P.E. Compression O/L's	2" IPS P.E. Compression O/L's	2" IPS O/L's

**NOTE:** It is advisable to limit shear at main connections. In this regard, your company's policies should be followed. For further information, reference; ASTM D 2774 Standard Practice for Underground Installation of Thermoplastic Pressure Piping; Code of Federal Regulations, Title 49, Transportation Part 192; AGA Plastic Pipe Manual and/or The Guidance Manual for Operators of Small Gas Systems by the U.S. Department of Transportation.






# PA Mechanical Saddles & Fittings

FACTS • FEATURES • BENEFITS

## FACTS

- The Continental's mechanical compression fittings have been sold to the Gas Distribution, Plumbing & Propane markets since 1967
- Millions are in service in the U.S.
- The Continental's PA Compression Outlets meet the following standards:
  - ▶ ASTM D 2513 "Standard Specification for Thermoplastic Gas Pressure Pipe, Tubing and Fittings"
  - ▶ ASME B31.8-1995 "Gas Transmission and Distribution Piping Systems"
  - ▶ D.O.T., Title 49 of the Code of Federal Regulations, Part 192.283 (b)
  - ▶ NFPA 58, LP-Gas Code and NFPA 54 National Fuel Gas Code
  - ▶ CSA
  - ▶ ICC – International Plumbing Code
  - ▶ IAPMO – Uniform Plumbing Code
  - ▶ Continental is a ISO 9001 Certified Company
  - ▶ All U.S. Made and Assembled 



## FEATURES & BENEFITS

- Built In Stiffener (1" IPS & Smaller)
  - ▶ **Benefit:** No loose parts
- Lock Type Design
  - ▶ **Benefit:** Nut bottoms out to provide fool-proof controlled compression. Visual indicator
  - ▶ Designed for maximum pullout strength—tensile strength exceeds requirements of D.O.T., Title 49 of the Code of Federal Regulations, Part 192.283(b)
- Simple and Repeatable Assembly Instructions
  - ▶ **Benefit:** Same procedure for 2406/2708 or 3408/4710 P.E.
- Pressure Rating
  - ▶ **Benefit:** Meets or exceeds the maximum design pressure of the piping system
- No Auxiliary Equipment Needed for Assembly
  - ▶ **Benefit:** No equipment to buy for assembly
  - ▶ No equipment maintenance
- Assembly Instructions On or In Every Bag
  - ▶ **Benefit:** Makes training and assembly for end user easy
- PA Material
  - ▶ **Benefit:** ASTM D 2513 listed material
  - ▶ Elevated temperature performance
  - ▶ Superior chemical resistance
  - ▶ Much stronger than P.E.
- Production Tooling and Testing
  - ▶ **Benefit:** Internally controlled production
  - ▶ Mold designs that reduce stress in key areas
  - ▶ Critical production control
  - ▶ Testing that ensures superior field performance
  - ▶ Computer controlled molding equipment
  - ▶ No outsourced injection molding



# OTHER QUALITY PRODUCTS FROM CONTINENTAL INDUSTRIES

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FITTINGS**



Con-Stab ID Seal® Fittings

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Steel Service Tees

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COUPLINGS**



Steel Couplings

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