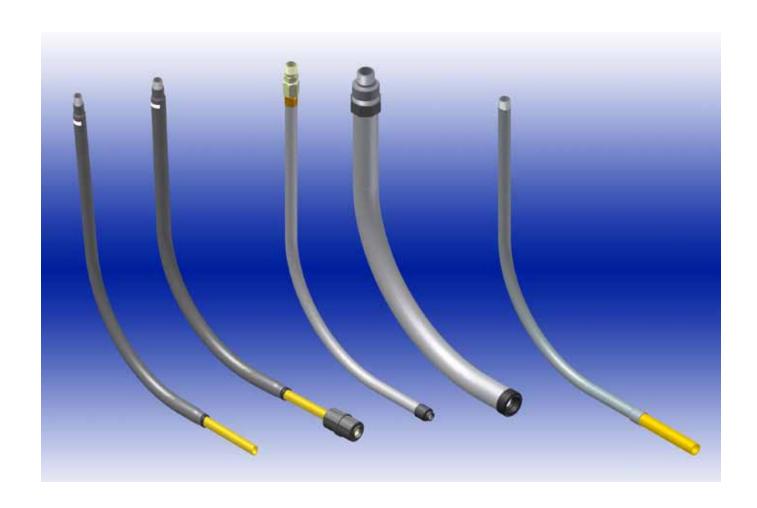
GAS DISTRIBUTION PRODUCTS METER RISERS





The Ultimate Connection 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!

TABLE OF CONTENTS

Anodeless Meter Risers	3-5
Transition Meter Risers	6
Chamfer Tools	7
Flex Risers	8-10
Riser Brackets	11



ANODELESS METER RISERS

ANODELESS METER RISERS

ADVANTAGES

- Adapter machined from solid bar stock; not welded.
- Casing is TIG welded to adapter which provides a stronger and higher quality weld joint.
- Casing wall thickness exceeds ASTM requirements.
- Every part is helium leak tested.
- Bending performed through roll bending as opposed to rotary bending.
- Listed with IAPMO/UPC and CSA.

ANODELESS METER RISERS



ANODELESS METER RISERS

Specifications:

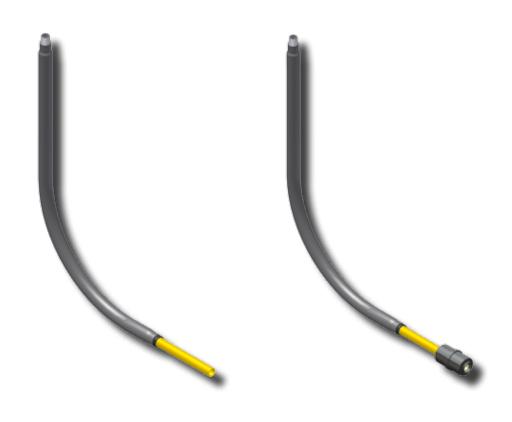
- Meets or exceeds all requirements for the Categorization of Mechanical Fittings within ASTM D2513-90c Category 1, and requirements from the Code of Federal Regulations, Title 49 part 192.281, 192.283 and 192.375.
- Meets or exceeds NFPA-58.
- Listed with IAPMO/UPC and CSA.
- Pipe Threads conform to ANSI B1.20.1.
- All Gas Carrying Steel parts meet or exceed ASTM A53.
- Casing Materials meet or exceed ASTM A 513.
- All polyethylene pipe and tubing components conform to ASTM D 2513.





ANODELESS METER RISERS

ANODELESS METER RISERS



SIZE (MPT X PE)	WALL	VERTICAL LENGTH	HORIZONTAL LENGTH	PART NUMBER	PART NUMBER with Con-Stab
1/2"MPT X 1/2"CTS (5/8" OD) PE	.090	30"	15"	1253-91-4604-00†‡	1253-91-4604-25†‡
3/4"MPT X 1/2"CTS (5/8" OD) PE	.090	18"	19"	1355-91-4604-00†‡	1355-91-4604-25†‡
3/4"MPT X 1/2"CTS (5/8" OD) PE	.090	30"	17"	1353-91-4604-00†‡	1353-91-4604-25†‡
3/4"MPT X 1/2" IPS PE	SDR-9.3 (.090)	30"	17"	1353-91-4612-00‡	1353-91-4612-25
3/4"MPT X 3/4" IPS PE	SDR-11 (.095)	30"	16"	1353-91-4613-00†‡	1353-91-4613-25†‡
3/4"MPT X 1" CTS (1 1/8"OD) PE	099/.101	30"	16"	1353-91-4608-00†‡	1353-91-4608-25‡
1" MPT X 1" IPS PE	SDR-11 (.119)	30"	16"	1453-91-4614-00†‡	1453-91-4614-25†‡
1 1/4"MPT X 1 1/4"IPS PE	SDR-10 (.166)	30"	22"	1553-91-4615-00†‡	1553-91-4615-25†
1 1/4" MPT X 1 1/4" IPS PE	SDR-11 (.151)	30"	22"	1553-91-4615-0A†‡	9953-99-0503-25†
1 1/2"MPT X 1 1/2"IPS PE	SDR-11 (.173)	36"	26"	1652-91-4616-00†‡	1652-91-4616-25†‡
2"MPT X 2" IPS PE	SDR-11 (.216)	36"	30"	1752-91-4617-00†‡	1752-91-4617-25†

- For sizes not listed, contact Continental Industries.
- $\bullet \ \ Recommended\ accessories\ for\ Anodeless\ Meter\ Risers\ with\ Con-Stab\ ID\ Seal ``Couplings;$
 - Continental's Bladed Chamfering Tool. See below.
- Part numbers listed are for 2406 medium density polyethylene pipe. For part numbers with 3408 high density pipe, contact Continental Industries.
- † = CSA Approved / ‡ = IAPMO/UPC Listed

TRANSITION METER RISERS



TRANSITION METER RISERS



SIZE (MPT X PE)	WALL	VERTICAL LENGTH	HORIZONTAL LENGTH	PART NUMBER	PART NUMBER with Con-Stab
3/4"MPT X 3/4"IPS PE	SDR-11 (.095)	30"	16"	1353-00-4613-00†‡	1353-00-4613-25†‡
1 1/4" MPT X 1 1/4" IPS PE	SDR-10 (.166)	30"	22"	1553-00-4615-00†‡	1553-00-4615-25†‡
1 1/4" MPT X 1 1/4" IPS PE	SDR-11 (.151)	30"	22"	1553-00-4615-0A†‡	9953-99-0509-25†
1 1/2" MPT X 1 1/2"IPS PE	SDR-11 (.173)	36"	26"	1652-00-4616-00†‡	1652-00-4616-25†‡
2" MPT X 2" IPS PE	SDR-11 (.216)	36"	30"	1752-00-4617-00†‡	1752-00-4617-25†

- · For sizes not listed, contact Continental Industries.
- Recommended accessories for Anodeless Meter Risers with Con-Stab ID Seal® Couplings;
 Continental's Bladed Chamfering Tool. See page 5.
- Part numbers listed are for 2406 medium density polyethylene pipe. For part numbers with 3408 high density pipe, contact Continental Industries.
- † = CSA Approved / ‡ = IAPMO/UPC Listed
 - Meets the requirements of D.O.T. Pipeline Insurance Safety Regulations Parts 192.283.
 - Meets ASTM Standard Specification F 1973, Factory Assembled Anodeless
 Risers and Transition Fittings in Polyethylene (PE) Fuel Gas Distribution Systems.
 - Listed with IAPMO/UPC and CSA.
 - All Gas Carrying Steel parts meet or exceed ASTM A53.
 - Casing materials meet or exceed ASTM A53 or ASTM A513.
 - Pipe Threads conform to ANSI B1.20.1.
 - All PE Pipe and Tubing components conform to ASTM D2513.
 - Transition joints are 100% pressure tested.
 - Electrostatically coated riser casings with heat fusion bonded powder coating.



CHAMFER TOOLS

ID CHAMFERING TOOLS To Be Used With Con-Stab ID Seal® Fittings

CATALOG NO.	DESCRIPTION			
DOUBLE ENDED ID CHAMFER TOOLS				
0000-33-5647-00	1/2" IPS X 1/2" CTS (5/8" OD)			
0000-33-5481-00	3/4" IPS X 1/2" CTS (5/8" OD)			
0000-33-5652-00	3/4" IPS X 1/2" IPS			
0000-33-5480-00	1" CTS (1 1/8" OD) X 1/2" CTS (5/8" OD)			
0000-33-5963-00	1" CTS (1 1/8" OD) X 1/2" IPS			
0000-33-5763-00	1" CTS (1 1/8" OD) X 3/4" CTS (7/8" OD)			
0000-33-5589-00	1" CTS (1 1/8" OD) X 3/4" IPS			
0000-33-5514-00	1" IPS X 1/2" CTS (5/8" OD)			
0000-33-5516-00	1" IPS X 3/4" IPS			
0000-33-5606-00	1" IPS X 1" CTS (1 1/8" OD)			
ID CHAMFER TOOL SWITH GAUGE				
0000-33-6580-04	1/2" CTS (5/8" OD) .090 WALL			
0000-33-6580-08	1" CTS (1 1/8" OD) .099/.101 WALL			
0000-33-6580-12	1/2" IPS SDR-9.3			
0000-33-6580-13	3/4" IPS SDR-11			
0000-33-6580-14	1"IPS SDR-11			
0000-33-6580-15	1 1/4" IPS SDR-10 (.166 WALL)			
0000-33-6580-10	1 1/4" IPS SDR-11 (.151 WALL)			
0000-33-6580-16	1 1/2" IPS SDR-11			
0000-33-6580-17	2"IPS SDR-11			



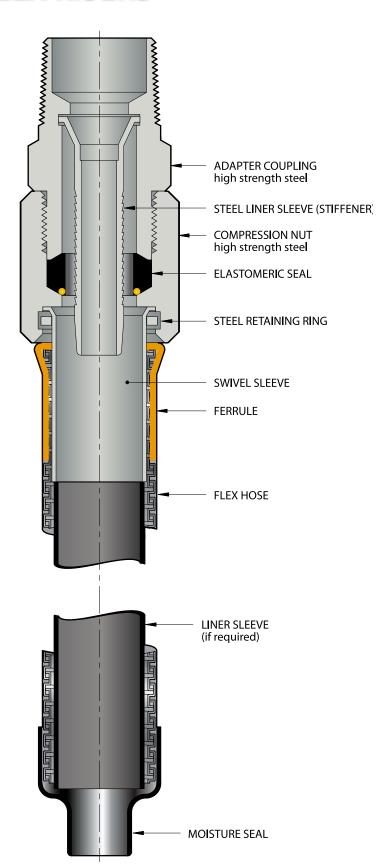
Continental Can Provide For All Of Your Main To Meter Connection Needs





CONFLEX RISERS

- ConFlex Risers are rated for 125 psig.
- ConFlex Risers conform to trench depth and flex with ground movement.
- ConFlex Risers may be installed with or without meter set present.
- ConFlex Risers have a swivel feature to allow tightening the Service Head Adapter without turning the flex hose.
- Service Head Adapter design has been used in the natural gas industry since 1967.
 - ➤ The Service Head Adapter offers a simple and dependable installation method.
 - ➤ The stiffener is integral to the adapter coupling. It does not fall out. No loose components.
 - ➤ The Service Head Adapter design is listed by IAPMO and CSA.
 - ➤ Service Head Adapter meets the requirements of ASTM F 1948 and ASTM D 2513.
- ConFlex Risers meet the requirements of;
 - ➤ ASTM D 2513
 - ➤ D.O.T. Title 49 of the Code of Federal Regulations, Part 192.283 (b) and 192.375.
 - ➤ NFPA 54 & NFPA 58
 - ConFlex Risers have a moisture seal as required in NFPA 54 & NFPA 58.
 - The Flex Hose meets 300 lb tensile requirement and 1000 lb crush requirement stated in NFPA 58.
 - The Flex Hose to Service Head Adapter joint meets 300 lb tensile requirement stated in NFPA 58.
 - Liner Sleeve provided to meet requirements of NFPA 58.
- > IAPMO and CSA Listed.





SIZE			PART NUMBER	PART NUMBER
(MPT X PE)	WALL	LENGTH	w/ Liner Sleeve	w/o Liner Sleeve
(: X : _/		36"	1253-92-1004-36†‡	1253-96-1004-36†
1/2" MPT X 1/2" CTS (5/8" OD) PE		60"	1253-92-1004-60†‡	1253-96-1004-60†
	.090	72"	1253-92-1004-72†‡	1253-96-1004-72†
		84"	1253-92-1004-84†‡	1253-96-1004-84†
		96"	1253-92-1004-96†‡	1253-96-1004-96†
		36"	1253-92-1012-36‡	1253-96-1012-36
		60"	1253-92-1012-60‡	1253-96-1012-60
1/2" MPT X 1/2" IPS PE	SDR-9.3	72"	1253-92-1012-00#	1253-96-1012-72
1/2 WIFT X 1/2 IF3 FE	(.090)	84"	1253-92-1012-72+	1253-96-1012-72
		96"		
			1253-92-1012-96‡	1253-96-1012-96
3/4" MPT X 1/2" CTS (5/8" OD) PE	.090	36"	1353-92-1004-36†‡	1353-96-1004-36†
		60"	1353-92-1004-60†‡	1353-96-1004-60†
		72"	1353-92-1004-72†‡	1353-96-1004-72†
		84"	1353-92-1004-84†‡	1353-96-1004-84†
		96"	1353-92-1004-96†‡	1353-96-1004-96†
		36"	1353-92-1012-36‡	1353-96-1012-36
	SDR-9.3	60"	1353-92-1012-60‡	1353-96-1012-60
3/4" MPT X 1/2" IPS PE	(.090)	72"	1353-92-1012-72‡	1353-96-1012-72
	(.090)	84"	1353-92-1012-84‡	1353-96-1012-84
		96"	1353-92-1012-96‡	1353-96-1012-96
		36"	1353-92-1006-36	1353-96-1006-36
		60"	1353-92-1006-60	1353-96-1006-60
3/4" MPT X 3/4" CTS (7/8" OD) PE	.090	72"	1353-92-1006-72	1353-96-1006-72
		84"	1353-92-1006-84	1353-96-1006-84
		96"	1353-92-1006-96	1353-96-1006-96
		36"	1353-92-1013-36†‡	1353-96-1013-36†
		60"	1353-92-1013-60†‡	1353-96-1013-60†
3/4" MPT X 3/4" IPS PE	SDR-11 (.095)	72"	1353-92-1013-72†‡	1353-96-1013-72†
3,1 1111 1 1 2 3,1 11 3 1 2	351(11 (.033)	84"	1353-92-1013-84†‡	1353-96-1013-84†
		96"	1353-92-1013-96†‡	1353-96-1013-96†
		36"	1353-92-1008-36†‡	1353-96-1008-36†
		60"	1353-92-1008-50†‡	1353-96-1008-60†
2 /4" MDT V 1" CTC /1 1 /0" OD) DE	.099/.101	72"		
3/4" MPT X 1" CTS (1 1/8" OD) PE	.099/.101	84"	1353-92-1008-72†‡	1353-96-1008-72†
			1353-92-1008-84†‡	1353-96-1008-84†
		96"	1353-92-1008-96†‡	1353-96-1008-96†
		36"	1453-92-1004-36†‡	1453-96-1004-36†
		60"	1453-92-1004-60†‡	1453-96-1004-60†
1" MPT X 1/2" CTS (5/8" OD) PE	.090	72"	1453-92-1004-72†‡	1453-96-1004-72†
		84"	1453-92-1004-84†‡	1453-96-1004-84†
		96"	1453-92-1004-96†‡	1453-96-1004-96†
		36"	1453-92-1012-36 ‡	1453-96-1012-36
	SDR-9.3	60"	1453-92-1012-60 ‡	1453-96-1012-60
1" MPT X 1/2" IPS PE		72"	1453-92-1012-72 ‡	1453-96-1012-72
	(.090)	84"	1453-92-1012-84 ‡	1453-96-1012-84
		96"	1453-92-1012-96 ‡	1453-96-1012-96
		36"	1453-92-1006-36	1453-96-1006-36
		60"	1453-92-1006-60	1453-96-1006-60
1" MPT X 3/4" CTS (7/8" OD) PE	.090	72"	1453-92-1006-72	1453-96-1006-72
,		84"	1453-92-1006-84	1453-96-1006-84
		96"	1453-92-1006-96	1453-96-1006-96
		36"	1453-92-1013-36†‡	1453-96-1013-36†
	SDR-11 (.095)	60"	1453-92-1013-60†‡	1453-96-1013-60†
1" MPT X 3/4" IPS PE		72"	1453-92-1013-72†‡	1453-96-1013-72†
I WII I X 3/4 II 3 I E		84"	1453-92-1013-84†‡	1453-96-1013-84†
			1453-92-1013-96†‡	†
		96"		1453-96-1013-96†
		36"	1453-92-1008-36†‡	1453-96-1008-36†
4 NADT 4 CTC 4 4 OD DE	.099/.101	60"	1453-92-1008-60†‡	1453-96-1008-60†
1" MPT X 1" CTS (1 1/8" OD) PE		72"	1453-92-1008-72†‡	1453-96-1008-72†
		84"	1453-92-1008-84†‡	1453-96-1008-84†
		96"	1453-92-1008-96†‡	1453-96-1008-96†
	.099/.101	36"	1553-92-1008-36†‡	1553-96-1008-36†
		60"	1553-92-1008-60†‡	1553-96-1008-60†
1 1/4" MPT X 1" CTS (1 1/8" OD) PE		72"	1553-92-1008-72†‡	1553-96-1008-72†
		84"	1553-92-1008-84†‡	1553-96-1008-84†
		96"	1553-92-1008-96†‡	1553-96-1008-96†
		36"	1453-92-1014-36	1453-96-1014-36
		60"	1453-92-1014-60	1453-96-1014-60
1" MPT X 1" IPS PF	SDR-11 (.119)	72"	1453-92-1014-72	1453-96-1014-72
1" MPT X 1" IPS PE				
1"MPT X 1"IPS PE		84"	1453-92-1014-84	1453-96-1014-84
1" MPT X 1" IPS PE		84" 96"	1453-92-1014-84 1453-92-1014-96	1453-96-1014-84 1453-96-1014-96



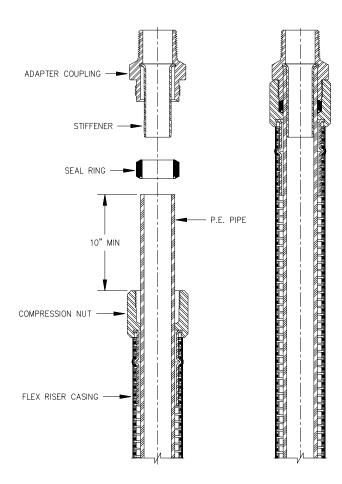




FLEX RISER INSTALLATION INSTRUCTIONS

1/2" CTS, 1" CTS, 3/4" IPS & 1" IPS P.E.

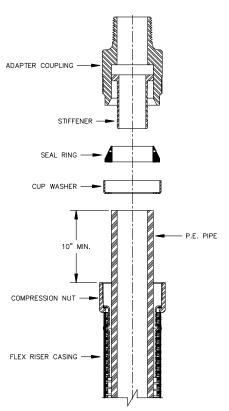
- 1. Disassemble the adapter coupling and seal ring from flex riser.
- 2. Attach adapter coupling to valve or regulator.
- 3. Prior to inserting P.E. tubing through flex, it is suggested that the end of the P.E. be chamfered. Insert P.E. tubing through flex. It is OK to use leak detection fluid on P.E. tubing to help tubing through moisture seal at end of riser.
- 4. Continue to push P.E. tubing through flex until 10" extends above flex.
- 5. Cut pipe end square, deburr inside and outside, clean thoroughly to assure there is not dirt, grease, oil, etc. on assembly area of pipe.
- 6. Slide seal ring over tubing and into the compression nut.
- 7. Insert service tubing onto the stiffener and into adapter coupling, then push compression nut and flex tubing up to the adapter coupling.
- 8. Turn compression nut several times by hand onto the adapter coupling before tightening with a wrench.
- Tighten the compression nut until it bottoms against the shoulder of the adapter coupling.
- 10. To assure proper assembly and to comply with 49 CFR 192 Subpart J—Test requirements, the joint shall be leak tested.

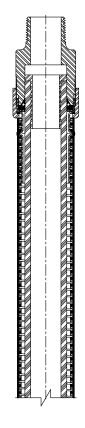


FLEX RISER INSTALLATION INSTRUCTIONS

1 1/4" IPS P.E.

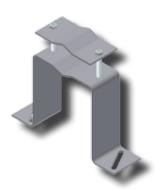
- 1. Disassemble the adapter coupling, seal ring and cup washer from the flex riser.
- 2. Attach adapter coupling to valve or regulator.
- 3. Prior to inserting P.E. tubing through flex, it is suggested that the end of the P.E. be chamfered. Insert P.E. tubing through flex. It is OK to use leak detection fluid on P.E. tubing to help tubing through moisture seal at end of riser.
- 4. Continue to push P.E. tubing through flex until 10" extends above flex.
- 5. Cut pipe end square, deburr inside and outside, clean thoroughly to assure there is no dirt, grease, oil, etc. on assembly area of pipe.
- 6. Slide the cup washer, then the seal ring over tubing and into the compression nut.
- Insert service tubing onto the stiffener and into adapter coupling, then push compression nut and flex tubing up to the adapter coupling.
- 8. Turn compression nut several times by hand onto the adapter coupling before tightening with a wrench.
- 9. Tighten the adapter coupling and compression nut to approximately 90 ft. lbs.
- 10. To assure proper assembly and to comply with 49 CFR 192 Subpart J—Test requirements, the joint shall be leak tested.







RISER BRACKETS



17-6133-00 6" Stand-Off

- (2) 3/8" wide x 2" long angular mounting slots
- Accommodates 1/2" thru 1 1/4" flex risers
- · Powder coated finish
- · Mounting hardware included



17-6134-00 9" Stand-Off

- (2) 3/8" wide x 2" long angular mounting slots
- Accommodates 1/2" thru 1 1/4" flex risers
- Powder coated finish
- · Mounting hardware included



17-6134-01 9" Stand-Off

- Accommodates 1/2" thru 1 1/4" flex risers
- · Powder coated finish
- · Mounting hardware included





17-6135-00 Universal Riser Bracket

- Can be used for virtually any mounting situation
- Foundation, single or double remote installations
- Accommodates 1/2" thru 2" risers
- Carriage bolts supplied for ease of assembly
- · Powder coated finish
- Foundation mounting hardware included
- (2) 3/8 wide x 1-5/8 straight mounting slots (Drivepost shown sold separately)





OTHER QUALITY PRODUCTS FROM CONTINENTAL INDUSTRIES

GAS DISTRIBUTION PRODUCTS
CON-STAB ID SEAL®
FITTINGS





Con-Stab ID Seal® Fittings

GAS DISTRIBUTION PRODUCTS

STEEL

COUPLINGS





Steel Couplings

GAS DISTRIBUTION PRODUCTS
IN-LINE REPAIR
FITTINGS



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NO OTHER SINGLE MANUFACTURER CAN OFFER THE VARIETY OF REPAIR FITTINGS THAT

CONTINUES IN ROUSTRES RECYCLES.



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SADDLES & FITTINGS





PA Mechanical Saddles & Fittings

GAS DISTRIBUTION PRODUCTS
TRANSITION FITTINGS





Transition Fittings

WATER DISTRIBUTION PRODUCTS
PVC WATER FITTINGS





PVC Water Fittings

GAS DISTRIBUTION PRODUCTS
STEEL SERVICE TEES





Steel Service Tees

GAS DISTRIBUTION PRODUCTS

EFV FITTING

CATALOG





EFV Catalog



thermOweld® for Cathodic Protection



CONTINENTAL INDUSTRIES

1140 North 129th East Ave. Tulsa, Oklahoma 74116 (Phone) 800-558-1373 or 918-627-5210 (Fax) 800-788-1668 or 918-622-1275 www.conind.com

The Ultimate Connection