

# PROPANE CATALOG



**CONTINENTAL  
INDUSTRIES, INC.**

The Ultimate Connection

[www.conind.com](http://www.conind.com)

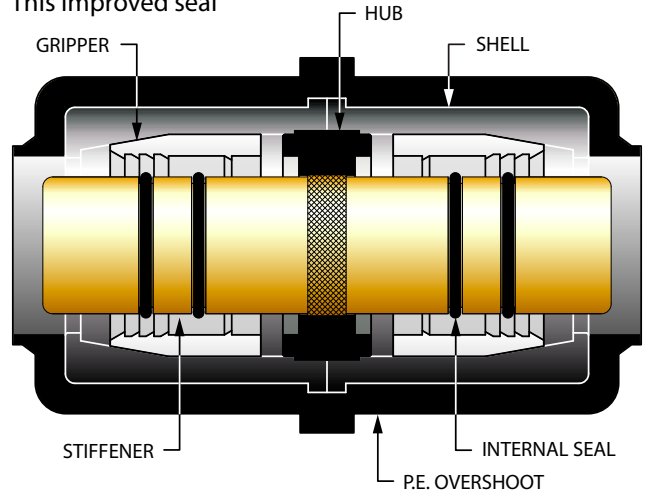
The internal seal enables each fitting to seal on scratched pipe. A seal is maintained on the smooth inside surface of the polyethylene pipe, regardless of the exterior surface of the piping. This improved seal protection creates the ultimate design for mechanical joints.

Each Con-Stab fitting provides the following unique features:

- Two internal seals
- Fixed stiffener
- Self-locking gripper
- Moisture lip
- Uni-body construction


The Con-Stab I.D. Seal® fittings provide the user with the following advantages:

- Cost effective joining method
- Simple assembly
- No additional assembly equipment required for installation (just chamfer pipe and push)
- Expanded product line with various configurations and material options (PE 3408/4710 or PE 2406)
- Uni-body design eliminating all external parts
- Meets or exceeds all D.O.T., ASTM and NFPA 58 requirements





Continental Industries is an ISO 9001 Certified Company. Continental’s Con-Stab I.D. Seal® product line is manufactured and tested to the following industry 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


	FULL COUPLINGS		
	CATALOG #	SIZE	CARTON QTY
	3259-52-1004-00	1/2" CTS (5/8" OD) .090 WALL	25
	3259-52-1012-00	1/2" IPS SDR-9.3	20
	3259-52-1013-00	3/4" IPS SDR-11	20
	3259-52-1006-00	3/4" CTS (7/8" OD) .090 WALL	20
	3259-52-1008-00	1" CTS (1 1/8" OD) .099/.101 WALL	20
	3259-52-1014-00	1" IPS SDR-11	15
	3259-52-1015-00	1 1/4" IPS SDR-10	5
	3259-52-1017-00	2" IPS SDR-11	5


NOTES:  
1. FOR SIZES OR CONFIGURATIONS NOT LISTED, CONTACT FACTORY.


	REDUCER COUPLINGS		
	CATALOG #	SIZE	CARTON QTY
	3259-54-0804-00	1" CTS (1 1/8" OD) .099/.101 WALL X 1/2" CTS (5/8" OD) .090 WALL	25
	3259-54-1204-00	1/2" IPS SDR-9.3 X 1/2" CTS (5/8" OD) .090 WALL	25
	3259-54-1304-00	3/4" IPS SDR-11 X 1/2" CTS (5/8" OD) .090 WALL	25
	3259-54-1404-00	1" IPS SDR-11 X 1/2" CTS (5/8" OD) .090 WALL	10
	3259-54-1308-00	3/4" IPS SDR-11 X 1" CTS (1 1/8" OD) .099/.101 WALL	10
	3259-54-1312-00	3/4" IPS SDR-11 X 1/2" IPS SDR-9.3	10
	3259-54-1408-00	1" IPS SDR-11 X 1" CTS (1 1/8" OD) .099/.101 WALL	10
	3259-54-1413-00	1" IPS SDR-11 X 3/4" IPS SDR-11	10
	3259-54-1508-00	1 1/4" IPS SDR-10 X 1" CTS (1 1/8" OD) .099/.101 WALL	5
	3259-54-1513-00	1 1/4" IPS SDR-10 X 3/4" IPS SDR-11	5
	3259-54-1514-00	1 1/4" IPS SDR-10 X 1" IPS SDR-11	5
	3259-54-1715-00	2" IPS SDR-11 X 1 1/4" IPS SDR-10	5


	CAP-N-GO COUPLINGS		
	CATALOG #	SIZE	CARTON QTY
	3259-57-1004-00	1/2" CTS (5/8" OD) .090 WALL	25
	3259-57-1013-00	3/4" IPS SDR-11	25
	3259-57-1008-00	1" CTS (1 1/8" OD) .099/.101 WALL	25
	3259-57-1015-00	1 1/4" IPS SDR-10	5
	3259-57-1017-00	2" IPS SDR-11	5


	END CAPS		
	CATALOG #	SIZE	CARTON QTY
	3259-53-1004-00	1/2" CTS (5/8" OD) .090 WALL	25
	3259-53-1013-00	3/4" IPS SDR-11	25
	3259-53-1008-00	1" CTS (1 1/8" OD) .099/.101 WALL	25
	3259-53-1014-00	1" IPS SDR-11	25
	3259-53-1015-00	1 1/4" IPS SDR-10	5
	3259-53-1017-00	2" IPS SDR-11	5


	90° ELBOWS		
	CATALOG #	SIZE	CARTON QTY
	3259-51-1004-00	1/2" CTS (5/8" OD) .090 WALL	25
	3259-51-1012-00	1/2" IPS SDR-9.3	25
	3259-51-1013-00	3/4" IPS SDR-11	25
	3259-51-1006-00	3/4" CTS (7/8" OD) .090 WALL	25
	3259-51-1008-00	1" CTS (1 1/8" OD) .099/.101 WALL	25
	3259-51-1014-00	1" IPS SDR-11	20
	3259-51-1015-00	1 1/4" IPS SDR-10	5
	3259-51-1017-00	2" IPS SDR-11	5


	3-WAY TEES		
	CATALOG #	SIZE	CARTON QTY
	3259-50-1004-00	1/2" CTS (5/8" OD) .090 WALL	25
	3259-50-1012-00	1/2" IPS SDR-9.3	20
	3259-50-1013-00	3/4" IPS SDR-11	20
	3259-50-1006-00	3/4" CTS (7/8" OD) .090 WALL	20
	3259-50-1008-00	1" CTS (1 1/8" OD) .099/.101 WALL	20
	3259-50-1014-00	1" IPS SDR-11	10
	3259-50-1015-00	1 1/4" IPS SDR-10	5
	3259-50-1017-00	2" IPS SDR-11	5


	REDUCING TEES		
	CATALOG #	SIZE	CARTON QTY
	3369-49-0408-00	1/2" CTS (5/8" OD) .090 WALL X 1" CTS (1 1/8" OD) .099/.101 WALL	10
	3369-49-1304-00	3/4" IPS SDR-11 X 1/2" CTS (5/8" OD) .090 WALL	10
	3369-49-0804-00	1" CTS (1 1/8" OD) .099/.101 WALL X 1/2" CTS (5/8" OD) .090 WALL	10
	3369-49-1404-00	1" IPS SDR-11 X 1/2" CTS (5/8" OD) .090 WALL	10
	3369-49-1408-00	1" IPS SDR-11 X 1" CTS (1 1/8" OD) .099/.101 WALL	10
	3369-49-1413-00	1" IPS SDR-11 X 3/4" IPS SDR-11	10
	3369-49-1508-00	1 1/4" IPS SDR-10 X 1" CTS (1 1/8" OD) .099/.101 WALL	5
	3369-49-1708-00	2" IPS SDR-11 X 1" CTS (1 1/8" OD) .099/.101 WALL	5
	3369-49-1715-00	2" IPS SDR-11 X 1 1/4" IPS SDR-10	5


	REPAIR COUPLINGS		
	CATALOG #	SIZE	CARTON QTY
	0469-56-1200-00	1/2" CTS (5/8" OD) .090 WALL X 12" LG	10
	1369-56-1200-00	3/4" IPS SDR-11 X 12" LG	10
	0869-56-1200-00	1" CTS (1 1/8" OD) .099/.101 WALL X 12" LG	10
	1469-56-1200-00	1" IPS SDR-11 X 12" LG	10
	3238-14-4415-00	1 1/4" IPS SDR-10 X 14" LG	5
	3238-14-4417-00	2" IPS SDR-11 X 14" LG	5


	TRANSITION COUPLINGS (PE STAB X MPT)		
	CATALOG #	SIZE	CARTON QTY
	0432-00-0912-00	1/2" CTS (5/8" OD) .090 WALL X 1/2" MPT	10
	0432-00-0913-00	1/2" CTS (5/8" OD) .090 WALL X 3/4" MPT	10
	0832-00-0913-00	1" CTS (1 1/8" OD) .099/.101 WALL X 3/4" MPT	10
	0832-00-0914-00	1" CTS (1 1/8" OD) .099/.101 WALL X 1" MPT	10
	0832-00-0915-00	1" CTS (1 1/8" OD) .099/.101 WALL X 1 1/4" MPT	10
	1332-00-0913-00	3/4" IPS SDR-11 X 3/4" MPT	10
	1332-00-0914-00	3/4" IPS SDR-11 X 1" MPT	10

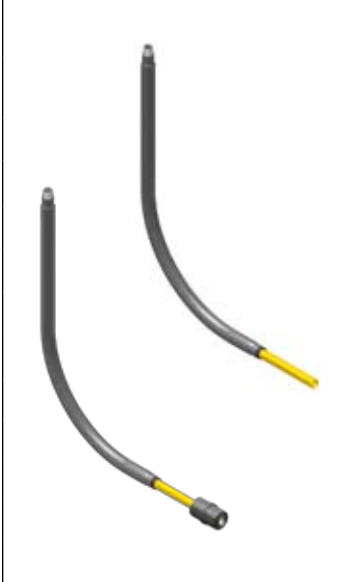
	ELIMINATOR SADDLES		
	CATALOG #	SIZE	CARTON QTY
	5864-15-1604-00	1 1/4" IPS MAIN X 1/2" CTS (5/8" OD) .090 WALL	20
	5864-15-1608-00	1 1/4" IPS MAIN X 1" CTS (1 1/8" OD) .099/.101 WALL	20
	5764-17-1604-00	2" IPS MAIN X 1/2" CTS (5/8" OD) .090 WALL	20
	5764-17-1613-00	2" IPS MAIN X 3/4" IPS SDR-11	20
	5764-17-1608-00	2" IPS MAIN X 1" CTS (1 1/8" OD) .099/.101 WALL	20
	5764-17-1614-00	2" IPS MAIN X 1" IPS SDR-11	10
	5764-21-1604-00	4" IPS MAIN X 1/2" CTS (5/8" OD) .090 WALL	10
	5764-21-1613-00	4" IPS MAIN X 3/4" IPS SDR-11	10
	5764-21-1608-00	4" IPS MAIN X 1" CTS (1 1/8" OD) .099/.101 WALL	10
	5764-21-1614-00	4" IPS MAIN X 1" IPS SDR-11	10

	PE X COPPER TRANSITION COUPLINGS		
	CATALOG #	SIZE	CARTON QTY
	9943-99-0062-00	1/2" CTS (5/8" OD) .090 WALL X 1/4" OD COPPER	10
	9943-99-0063-00	1/2" CTS (5/8" OD) .090 WALL X 3/8" OD COPPER	10
	9943-99-0064-00	1/2" CTS (5/8" OD) .090 WALL X 1/2" OD COPPER	10
	9943-99-0065-00	1/2" CTS (5/8" OD) .090 WALL X 5/8" OD COPPER	10

	FLEX RISERS	
	CATALOG #	SIZE
	1253-92-1004-36	1/2" MPT X 1/2" CTS (5/8" OD) .090 WALL X 36" LG FLEX
	1253-92-1004-84	1/2" MPT X 1/2" CTS (5/8" OD) .090 WALL X 84" LG FLEX
	1353-92-1004-36	3/4" MPT X 1/2" CTS (5/8" OD) .090 WALL X 36" LG FLEX
	1353-92-1004-60	3/4" MPT X 1/2" CTS (5/8" OD) .090 WALL X 60" LG FLEX
	1353-92-1004-84	3/4" MPT X 1/2" CTS (5/8" OD) .090 WALL X 84" LG FLEX
	1353-92-1013-36	3/4" MPT X 3/4" IPS SDR-11 X 36" LG FLEX
	1353-92-1013-60	3/4" MPT X 3/4" IPS SDR-11 X 60" LG FLEX
	1353-92-1013-84	3/4" MPT X 3/4" IPS SDR-11 X 84" LG FLEX
	1453-92-1008-36	1" MPT X 1" CTS (1 1/8" OD) .099/.101 WALL X 36" LG FLEX
	1453-92-1008-60	1" MPT X 1" CTS (1 1/8" OD) .099/.101 WALL X 60" LG FLEX
	1453-92-1008-84	1" MPT X 1" CTS (1 1/8" OD) .099/.101 WALL X 84" LG FLEX

	RISER BRACKETS		
	CATALOG #	SIZE	CARTON QTY
	0000-17-6133-00	6" STANDOFF	1
	0000-17-6134-00	9" STANDOFF	1
	0000-17-6135-00	UNIVERSAL	1
	0000-17-6136-00	MOUNTING HARDWARE	1

	CHAMFER TOOLS	
	CATALOG #	SIZE
	0000-33-5480-00	1" CTS (1 1/8" OD) X 1/2" CTS (5/8" OD)
	0000-33-5481-00	3/4" IPS X 1/2" CTS (5/8" OD)
	0000-33-6580-15	1 1/4" IPS SDR-10
	0000-33-6580-17	2" IPS SDR-11
	0000-33-5514-00	1" IPS X 1/2" CTS (5/8" OD)
	0000-33-5516-00	1" IPS X 3/4" IPS
	0000-33-5589-00	1" CTS (1 1/8" OD) X 3/4" IPS
	0000-33-5606-00	1" IPS X 1" CTS (1 1/8" OD)

	ANODELESS RISERS		
	CATALOG #	CATALOG # WITH CON-STAB	SIZE
	1253-91-4604-00	1253-91-4604-25	1/2" MPT X 1/2" CTS (5/8" OD) .090 WALL (30" V X 15" H)
	1355-91-4604-00	1355-91-4604-25	3/4" MPT X 1/2" CTS (5/8" OD) .090 WALL (18" V X 19" H)
	1353-91-4604-00	1353-91-4604-25	3/4" MPT X 1/2" CTS (5/8" OD) .090 WALL (30" V X 17" H)
	1353-91-4612-00	1353-91-4612-25	3/4" MPT X 1/2" IPS SDR-9.3 (30" V X 17" H)
	1353-91-4613-00	1353-91-4613-25	3/4" MPT X 3/4" IPS SDR-11 (30" V X 16" H)
	1353-91-4608-00	1353-91-4608-25	3/4" MPT X 1" CTS (1 1/8" OD) .099/.101 WALL (30" V X 16" H)
	1453-91-4614-00	1453-91-4614-25	1" MPT X 1" IPS SDR-11 (30" V X 16" H)
	1553-91-4615-00	1553-91-4615-25	1 1/4" MPT X 1 1/4" IPS SDR-10 (30" V X 22" H)
	1553-91-4615-0A	9953-99-0503-25	1 1/4" MPT X 1 1/4" IPS SDR-11 (30" V X 22" H)
	1652-91-4616-00	1652-91-4616-25	1 1/2" MPT X 1 1/2" IPS SDR-11 (36" V X 26" H)
	1752-91-4617-00	1752-91-4617-25	2" MPT X 2" IPS SDR-11 (36" V X 30" H)

LP Gas Vapor Line Sizing for Polyethylene Tubing							
Sizing for LP gas vapor between 1st and 2nd stage regulators allowing a pressure drop of 1 psi at 10 psi setting							
TUBING LENGTH (FT)†	1/2" CTS (.090)	1/2" IPS SDR-9.3	3/4" IPS SDR-11	1" CTS (.099)	1" IPS SDR-11	1 1/4" IPS SDR-10	2" IPS SDR-11
Maximum LP Gas Vapor Capacity (thousands of Btu/hr)							
10	1406	4235	8940	10803	16486	28912	82488
20	944	2843	6001	7252	11067	19409	55373
30	747	2252	4753	5744	8766	15372	43858
40	634	1908	4029	4868	7429	13029	37171
50	557	1679	3544	4282	6535	11460	32695
60	502	1512	3191	3856	5884	10319	29441
70	459	1383	2920	3529	5385	9444	26944
80	425	1281	2704	3268	4987	8746	24953
90	397	1197	2527	3054	4661	8173	23319
100	374	1127	2379	2874	4387	7693	21948
125	329	991	2092	2528	3858	6766	19305
150	296	893	1884	2277	3474	6093	17384
175	271	817	1724	2084	3180	5576	15909
200	251	756	1597	1930	2945	5164	14733
225	235	707	1492	1803	2752	4826	13768
250	221	665	1405	1697	2590	4542	12959
275	209	630	1330	1607	2452	4300	12268
300	199	599	1265	1528	2332	4090	11669
350	182	548	1157	1399	2134	3743	10680
400	169	508	1072	1295	1976	3467	9890

**Note:** The above numbers were calculated by using the Mueller formula for high pressure installations of smooth pipe such as plastic, copper, brass, etc. carrying gas at pressures greater than 1 psig.  
 †Total length of tubing from outlet of first stage regulator to inlet of farthest second stage regulator.

## ASSEMBLY INSTRUCTIONS : I.D. SEAL® CON-STAB

**IMPORTANT**

**For use on:**  
Polyethylene gas pipe meeting the requirements of ASTM D 2513

**Pressure Rating:** 125 psig MAOP

**Operating Temperature:** -20 to 140° F

**1** Verify the stab fitting is the correct size for the polyethylene (P.E.) pipe. Verify the SDR (or wall thickness) of the pipe matches the SDR (or wall thickness) printed on the fitting label.



**2** Cut pipe ends square.



**3** Clean piping thoroughly to assure there is no dirt, grease or oil in assembly area.



**4a** Chamfer end of pipe using [Continental's ID chamfering tool with ID gauge.](#)

or



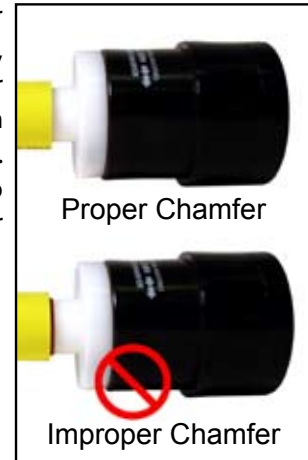
**4b** Chamfer end of pipe using [Continental's double ended ID chamfering tool.](#)



**5** Mark the stab depth by inserting pipe into ID chamfer tool and marking the pipe at the entrance as shown.



**6** If using ID chamfer tool with gauge, check for proper chamfer by inserting pipe on gauge up to the o ring. With proper chamfer, o ring will begin to enter pipe.



**7** Stab pipe completely into fitting entrance.



**8** Stab pipe completely into fitting so that the mark on the pipe is within 1/8" from the fitting entrance.



**9** Repeat steps 1 thru 8 for all Con-Stab joints.

**10** To assure proper assembly and to comply with 49 CFR 192 Subpart J—Test Requirements, the joint shall be leak tested.

**IMPORTANT**  
CHAMFER THE  
ID OF PIPE



PATENT #'S 5,366,260, 5,692,785 & 5,853,272