



Con-Stab ID Seal® Fittings have been sold in the gas, plumbing, and propane markets since 1990. **Con-Stab®** fittings are IAPMO, CSA, & ICC approved.



for: **Pool Heaters**



for: **Gas Grills**



for: **Patio Hearths & Lighting**



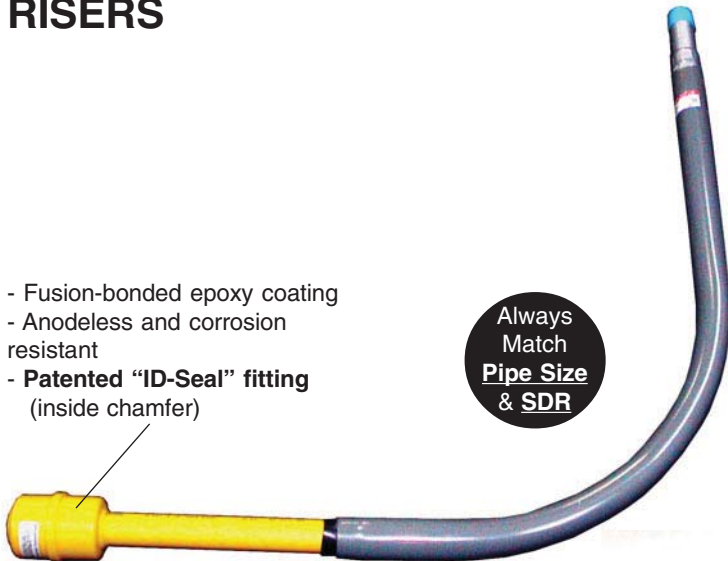
for: **Emergency Generators**

CON-STAB® ANODELESS METER RISERS

- Fusion-bonded epoxy coating
- Anodeless and corrosion resistant
- Patented "ID-Seal" fitting (inside chamfer)

Always Match
Pipe Size & SDR

W-R	Size	Con-Stab® SDR
2886036	1/2" CTS	SDR-7
2886004	3/4" IPS	SDR-11
2886008	1" IPS	SDR-11
2886040	1" CTS	SDR-11.5
2886012	1 1/4" IPS	SDR-10
2886013	1 1/4" IPS	SDR-11
2886016	1 1/2" IPS	SDR-11
2886020	2" IPS	SDR-11



IMPORTANT
CHAMFER THE ID OF PIPE



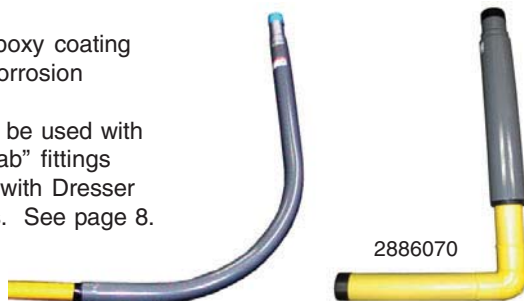
You must use a **Continental Chamfer Tool** on a **Continental Fitting!**



POLY-END ANODELESS METER RISERS

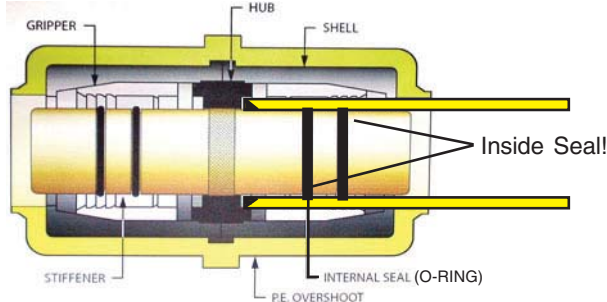
- Fusion-bonded epoxy coating
- Anodeless and corrosion resistant
- Plain PE end can be used with compression & "stab" fittings
- 3" must be used with Dresser Style 711 couplings. See page 8.

W-R	PE Size	PE SDR
2886002	3/4" IPS	SDR-11
2886006	1" IPS	SDR-11
2886030	1" CTS	SDR-11.5
2886010	1 1/4" IPS	SDR-10
2886011	1 1/4" IPS	SDR-11
2886014	1 1/2" IPS	SDR-11
2886018	2" IPS	SDR-11
2886070	3" IPS	SDR-11.5





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Con-Stab®'s patented "ID-Seal" is formed on the **INSIDE** of the pipe--*where the surface is the smoothest.* Therefore you must chamfer the **INSIDE** of your pipe with a Continental® Chamfer tool.

From NFPA 54 Section 3.3.5

"An **anodeless riser** is an assembly of steel-cased plastic pipe used to make the transition between plastic piping underground and metal piping aboveground."

Plastic Pipe runs inside the riser.

Corrosion-resistant fusion-bonded epoxy coating



CON-STAB® COUPLINGS

Always Match **Pipe Size & SDR**



W-R#	Description	SDR
2881000	1/2" CTS	SDR-7
2881002	3/4" IPS	SDR-11
2881004	1" IPS	SDR-11
2881020	1" CTS	SDR-11.5
2881006	1 1/4" IPS	SDR-10
2881007	1 1/4" IPS	SDR-11
2881008	1 1/2" IPS	SDR-11
2881010	2" IPS	SDR-11



CON-STAB® ELBOWS

Always Match **Pipe Size & SDR**



W-R#	Description	SDR
2882000	1/2" CTS	SDR-7
2882002	3/4" IPS	SDR-11
2882004	1" IPS	SDR-11
2882006	1 1/4" IPS	SDR-10
2882007	1 1/4" IPS	SDR-11
2882008	1 1/2" IPS	SDR-11
2882010	2" IPS	SDR-11



CON-STAB® TEES

Always Match **Pipe Size & SDR**

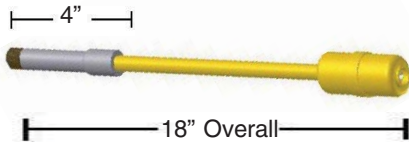


W-R#	Description	SDR
2883000	1/2" CTS	SDR-7
2883002	3/4" IPS	SDR-11
2883004	1" IPS	SDR-11
2883006	1 1/4" IPS	SDR-10
2883007	1 1/4" IPS	SDR-11
2883008	1 1/2" IPS	SDR-11
2883010	2" IPS	SDR-11



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CON-STAB® MALE ADAPTERS



Always Match Pipe Size & SDR



W-R	Con-Stab® End		
2885000	1/2"	CTS	SDR-7
2885002	3/4"	IPS	SDR-11
2885004	1"	IPS	SDR-11
2885020	1"	CTS	SDR-11.5
2885006	1 1/4"	IPS	SDR-10
2885007	1 1/4"	IPS	SDR-11
2885008	1 1/2"	IPS	SDR-11
2885010	2"	IPS	SDR-11

- Standard sizes with 4" long steel MIP stub.



W-R	Con-Stab® End		
2885080	3/4"	IPS Xtra Long	SDR-11
2885082	1"	IPS Xtra Long	SDR-11

- Extra long (18" steel MIP stub) to fit through wall sleeve without use of additional nipples & fittings.



CON-STAB® CHAMFER TOOL

Always Match Pipe Size & SDR

W-R	Description		
2888020	1/2"	CTS	SDR-7
2888014	3/4"	IPS	SDR-11
2888016	1"	IPS	SDR-11
2888022	1"	CTS	SDR-11.5
2888006	1 1/4"	IPS	SDR-10
2888007	1 1/4"	IPS	SDR-11
2888008	1 1/2"	IPS	SDR-11
2888010	2"	IPS	SDR-11

- **Follow the Arrow!** Turn the tool in the direction of the arrow printed on the tool for a clean, even chamfer (bevel) on the inside of the pipe.

LOOK FOR THE "C"

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**CON-STAB® x COPPER
TRANSITION FITTING**

Always
Match
**Pipe Size
& SDR**



W-R	Con-Stab®	Copper Tube
2884002	3/4" SDR 11	1/2" Copper

- Con-Stab® x Flare connection for copper tubing

SDR-11



**CON-STAB® 1 1/4"
SDR-10 x SDR-11
ADAPTER**

"THE MIRACLE FITTING"

SDR-10

W-R	Con-Stab® A	Con-Stab® B
2890008	1 1/4" IPS x SDR-10	1 1/4" IPS SDR-11



**CON-STAB® REDUCING
COUPLINGS**

IPS X IPS

Always
Match
**Pipe Size
& SDR**



NEW!

W-R	IPS X IPS REDUCERS	
2891030	1" SDR11 x 3/4" SDR11	
2891050	1 1/4" SDR11 x 3/4" SDR11	
2891022	1 1/4" SDR11 x 1" SDR11	
2891010	1 1/2" SDR11 x 3/4" SDR11	
2891012	1 1/2" SDR11 x 1" SDR11	
2891014	1 1/2" SDR11 x 1 1/4" SDR11	
2891002	2" SDR11 x 3/4" SDR11	
2891004	2" SDR11 x 1" SDR11	
2891006	2" SDR11 x 1 1/4" SDR11	
2891008	2" SDR11 x 1 1/2" SDR11	

CTS X IPS

Always
Match
**Pipe Size
& SDR**



W-R	CTS X IPS REDUCERS	
2890040	1/2" CTS x 3/4" SDR11	
2890042	1/2" CTS x 1" SDR11	
2890002	1" CTS x 3/4" SDR11	
2890004	1" CTS x 1" SDR11	



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CON-STAB® REDUCING TEES

NEW!

Always Match Pipe Size & SDR



W-R	RUN	BRANCH
2883070	1" SDR11 x 3/4"	SDR11
2883062	1 1/4" SDR11 x 3/4"	SDR11
2883064	1 1/4" SDR11 x 1"	SDR11
2883080	1 1/2" SDR11 x 3/4"	SDR11
2883082	1 1/2" SDR11 x 1"	SDR11
2883084	1 1/2" SDR11 x 1 1/4"	SDR11
2883050	2" SDR11 x 3/4"	SDR11
2883052	2" SDR11 x 1"	SDR11
2883054	2" SDR11 x 1 1/4"	SDR11
2883056	2" SDR11 x 1 1/2"	SDR11

CON-STAB® SADDLE PUNCH TEES



NEW!

Always Match Pipe Size & SDR



W-R	MAIN	OUTLET
2893090	1 1/4"	3/4" SDR-11
2893092	1 1/4"	1" SDR-11
2896002	1 1/2"	3/4" SDR-11
2896006	1 1/2"	1" SDR-11
2894002	2"	3/4" SDR-11
2894004	2"	1" SDR-11
2894006	2"	1 1/4" SDR-11
2894502	3"	3/4" SDR-11
2894504	3"	1" SDR-11
2894506	3"	1 1/4" SDR-11
2894508	3"	2" SDR-11

POLYETHYLENE GAS BALL VALVES



NEW!

Always Match Pipe Size & SDR



W-R	Description
2893102	3/4" IPS SDR-11
2893104	1" IPS SDR-11
2893106	1 1/4" IPS SDR-11
2893108	1 1/2" IPS SDR-11
2893110	2" IPS SDR-11



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PA-11® BLACK COMPRESSION COUPLINGS

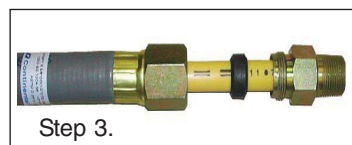


W-R#	Description	SDR	Min.
2889002	3/4" IPS	SDR-11	
2889024	1" CTS	SDR-11.5	
2889006	1 1/4" IPS	SDR-10	
2889010	2" IPS	SDR-11	

CONFLEX® FLEX RISERS FOR PROPANE



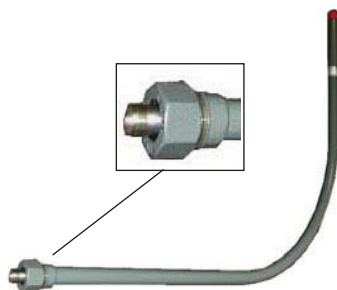
Continental “**Con-Flex®**” risers are **flexible** casings that protect **yellow polyethylene pipe** aboveground. **Con-flex®** risers consist of corrugated stainless steel flex hose, with a durable UV & weather-resistant outer sleeve. Conforms to NFPA 54 & 58 for LPG systems.



W-R	Description	Length
2887002	1/2" COP x 1/2" MIP	36"
2887004	1/2" COP x 1/2" MIP	84"
2887006	1/2" COP x 3/4" MIP	36"
2887008	1/2" COP x 3/4" MIP	84"

Instructions:

1. Disassemble the **adapter coupling** (B).
2. Feed the polyethylene pipe through the sleeve from the **moisture seal** (A) to the **adapter coupling** (B)
3. Assemble the **adapter coupling** by sliding the gasket over the tubing, and then pushing the tubing onto the insert. Tighten the compression nut until it bottoms out.



STEEL COMPRESSION RISERS

- Powder coat finish
- Steel compression end
- Requires anode bag (not included)

W-R	Description	SDR
2930002	3/4" IPS	SDR-11
2930004	1" IPS	SDR-11
2930006	1 1/4" IPS	SDR-10
2930008	1 1/2" IPS	SDR-11
2930010	2" IPS	SDR-11

Step 1: Match Pipe & SDR

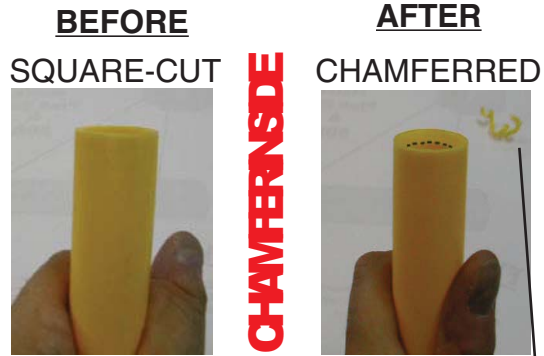


BE SURE TO MATCH PIPE SIZE & SDR*

Pipe, Fittings, and Chamfer Tool must be the same!

*“SDR” stands for “Standard Dimension Ratio”. It is a designation of a pipe’s pressure rating. SDR is the ratio of Pipe Diameter to Wall Thickness.

Step 2: Chamfer Inside of Pipe



Follow the arrows printed on the label. Only 3-5 turns necessary for a good chamfer!

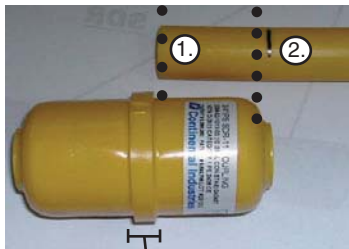
The “coupon” is the piece of yellow poly that is shaved off during the act of chamfering.



Test your chamfer by pushing the pipe over the test gauge. If the pipe is chamfered properly, it should fit over the test gauge with minimum effort.

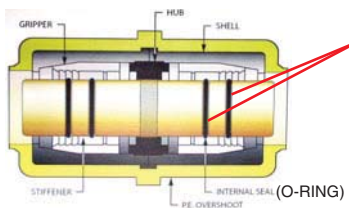
Step 3: Mark Stab Depth

MARK THE STAB DEPTH!



1. Line up the end of the yellow pipe with the hub of the fitting.
2. Mark a line on the pipe to approximate the end of the fitting.

“Hub”



3. **Goal:** The reason to mark the stab depth is to ensure that the pipe is sealed by **both** o-rings!

Step 4: Stab & Check

STAB PIPE INTO FITTING



Stab the pipe completely into the fitting, so that the “stab marker” is within 1/8” from the entrance of the fitting.

Once the pipe has been stabbed, it **cannot** be removed.

LOOK FOR THE “C”

You must use a **Continental Chamfer Tool** on a **Continental Fitting!**



YELLOW PLASTIC GAS PIPE

YELLOW "MEDIUM DENSITY" (PE2406) POLY GAS PIPE



Conforms to ASTM D-2513

New! 50 foot coils!

Always Match Pipe Size & SDR



Gas

For years, the gas utility and distribution market has used plastic gas pipe for its **ease-of-use, corrosion resistance, and cost effectiveness**. NFPA 54 provides for the use of plastic piping within it's code for **outdoor, underground use only** at a **minimum burial depth of 18"**, using **yellow 14g tracer wire** for location purposes.

W-R#	Description	SDR	Length
2880004	1/2" CTS	SDR-7	500'
2880011	3/4" IPS	SDR-11	50'
2880012	3/4" IPS	SDR-11	150'
2880016	3/4" IPS	SDR-11	500'
2880020	1" CTS	SDR-11.5	150'
2880021	1" CTS	SDR-11.5	500'
2880025	1" IPS	SDR-11	50'
2880022	1" IPS	SDR-11	150'
2880026	1" IPS	SDR-11	500'
2880029	1 1/4" IPS	SDR-10	50'
2880030	1 1/4" IPS	SDR-10	150'
2880031	1 1/4" IPS	SDR-11	50'
2880032	1 1/4" IPS	SDR-11	150'
2880036	1 1/4" IPS	SDR-11	500' (*)
2880041	1 1/2" IPS	SDR-11	50'
2880042	1 1/2" IPS	SDR-11	150'
2880046	1 1/2" IPS	SDR-11	500' (*)
2880051	2" IPS	SDR-11	50'
2880052	2" IPS	SDR-11	100'
2880056	2" IPS	SDR-11	500' (*)
2880062	3" IPS	SDR-11.5	100' (*)

(*) Call for availability

Basic Sizing Chart for Natural Gas

*Source: NFPA 54-2006 Table 6.2 (s)

Length (feet)	Natural Gas Low pressure < 2 psi					
	1/2 IPS SDR-9.3	3/4 IPS SDR-11	1 IPS SDR-11	1 1/4 IPS SDR-10	1 1/2 IPS SDR-11	2 IPS SDR-11
10	201	403	726	1260	1900	3410
20	138	277	499	865	1310	2350
30	111	222	401	695	1050	1880
40	95	190	343	594	898	1610
50	84	169	304	527	796	1430
60	76	153	276	477	721	1300
70	70	140	254	439	663	1190
80	65	131	236	409	617	1110
90	61	123	221	383	579	1040
100	58	116	209	362	547	983
125	51	103	185	321	485	871
150	46	93	168	291	439	789
175	43	86	154	268	404	726
200	40	80	144	249	376	675
250	35	71	127	221	333	598
300	32	64	115	200	302	542
350	29	59	106	184	278	499
400	27	55	99	171	258	464
450	26	51	93	160	242	435
500	24	48	88	152	229	411

Pressure Drop: .5 in w.c. Spec. Gravity: .60

* Values listed are in cubic feet/meter (cfm). To calculate BTU, multiply by 1000.

Basic Sizing Chart for Propane

*Source: NFPA 54-2006 Table 6.2 (k)

Length (feet)	Propane 11 inches of w.c					
	1/2 IPS SDR-9.3	3/4 IPS SDR-11	1 IPS SDR-11	1 1/4 IPS SDR-10	1 1/2 IPS SDR-11	2 IPS SDR-11
10	340	680	1230	2130	3210	5770
20	233	468	844	1460	2210	3970
30	187	375	677	1170	1770	3180
40	160	321	580	1000	1520	2730
50	142	285	514	890	1340	2420
60	129	258	466	807	1220	2190
70	119	237	428	742	1120	2010
80	110	221	398	690	1040	1870
90	103	207	374	648	978	1760
100	98	196	353	612	924	1660
125	87	173	313	542	819	1470
150	78	157	284	491	742	1330
175	72	145	261	452	683	1230
200	67	135	243	420	635	1140
250	60	119	215	373	563	1010
300	54	108	195	338	510	916
350	50	99	179	311	469	843
400	46	92	167	289	436	784
450	43	87	157	271	409	736
500	41	82	148	256	387	695

Pressure Drop: .5 in w.c. Spec. Gravity: 1.50

* Values listed are in cubic feet/meter (cfm). To calculate BTU, multiply by 1000.

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UNDERGROUND GAS ACCESSORIES



14 GAUGE YELLOW TRACER WIRE

W-R#	Description
------	-------------

1842500 500' Yellow Tracer Wire-14g

- Use tracer wire in the trench along yellow polypipe for an effective, code-compliant installation.



YELLOW BURIAL TAPE

W-R#	Description
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2426050 3" x 1000' Non-Detectable

2426052 3" x 1000' *Detectable*

- Burial Tape is used 6 -8" above the pipe and tracer wire in the trench.

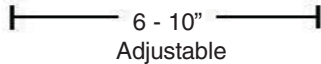


UNIVERSAL BRACKET FOR ANODELESS RISERS

W-R#	Description
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2867050 3/4" to 1 1/2" Riser Bracket

- Fits 3/4" - 1 1/2" anodeless risers
 - Adjustable from 6" - 10" from wall



ADJUSTABLE HEIGHT GAS VALVE BOX WITH CAST IRON LID



W-R#	Fits Valve Size	Height
------	-----------------	--------

2851002 3/4" to 1 1/4" 24" - 30"

2851004 1 1/2" - 2" 31" - 44"

- Valve boxes furnished with valve chamber, lid, and support bracket.
 - Cast iron lid for hi-traffic areas



GAS APPLIANCE CONNECTORS



for: **Generators**



for: **Gas Grills**



3/8" QUICK-CONNECT HOSES



W-R#	Size
2862002	10 foot
2862004	12 foot

- 3/8" Female Flare x 3/8" Male Quick-Connect



3/4" GENERATOR HOSES



W-R#	Size
2866002	12"
2866004	18"
2866006	24"
2866008	36"
2866010	48"

- 3/4" Male (Swivel) x 3/4" Male (Swivel)



2861002

2861004

QUICK-CONNECT SHUTOFF VALVES



W-R#	Type	Inlet	Quick Connect
2861002	Straight	3/8" FIP	3/8" F
2861004	Angle	1/2" FIP	3/8" F



2864002

2864004

2864006

QUICK-CONNECT FITTINGS



W-R#	Connection	Quick-Connect
2864002	3/8" FIP	3/8" QC Female
2864004	3/8" FIP	3/8" QC Male
2864006	1/2" M Flare	3/8" QC Male



GAS OUTLET CONVENIENCE BOXES



W-R#	Color
2863002	White
2863004	Black

- 1/2" FIP Angle x 3/8" Female Quick-Connect



COMMERCIAL GAS OUTLET BOXES



W-R#	Configuration
2863050	With Flush/Bell Lock Covers

- NYC Building Dept MEA Approved
 - For outdoor use with heaters & stoves
 - Versatile kit can be wall mounted & deck mounted.



Shown as wall-mount with