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# Chicago Fittings Catalog

**June 2025**





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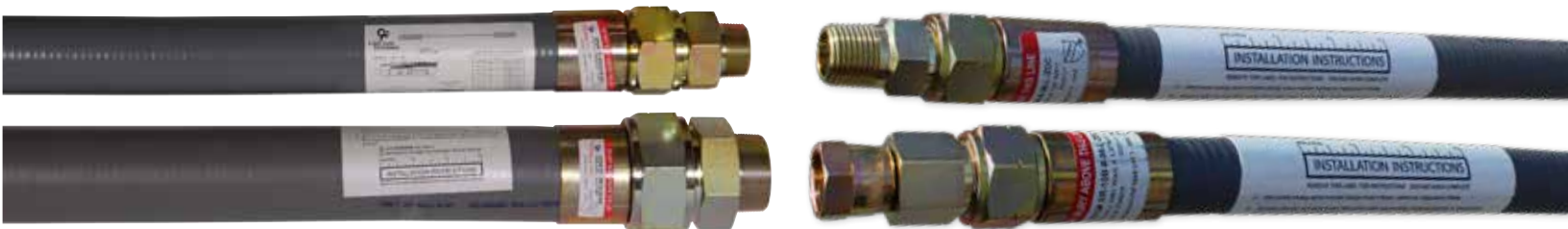


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# **X-RISER®**

*A Series of Flexible Anodeless Risers for the Gas Market*

**June 2025**



# X-RISER®

## Flexible Anodeless Risers For Natural Gas Applications

The easy-to-install X-Riser is an extremely safe, field assembled service head type riser appropriate for both new construction and PE service line renewals.

This product meets NFPA54 requirements.



Part #	Tube Size	Wall Thickness	SDR	Outlet Size	Conduit Length
XR-10B-8-36-ZDC †	1/2" CTS	.090"	7	1/2" MPT	36"
XR-10B-8-72-ZDC †	1/2" CTS	.090"	7	1/2" MPT	72"
XR-10B-12-36-ZDC †	1/2" CTS	.090"	7	3/4" MPT	36"
XR-10B-12-72-ZDC †	1/2" CTS	.090"	7	3/4" MPT	72"
XR-10B-16-36-ZDC †	1/2" CTS	.090"	7	1" MPT	36"
XR-13B-8-36-ZDC †	1/2" IPS	.090"	9.3	1/2" MPT	36"
XR-13B-8-72-ZDC †	1/2" IPS	.090"	9.3	1/2" MPT	72"
XR-13B-16-36-ZDC †	1/2" IPS	.090"	9.3	1" MPT	36"
XR-17C-12-36-ZDC †	3/4" IPS	.095"	11	3/4" MPT	36"
XR-17C-12-72-ZDC †	3/4" IPS	.095"	11	3/4" MPT	72"
XR-18B-12-36-ZDC	1" CTS	.090"	12.5	3/4" MPT	36"
XR-18B-16-36-ZDC	1" CTS	.090"	12.5	1" MPT	36"
XR-18E-12-36-ZDC †	1" CTS	.100"	11.3	3/4" MPT	36"
XR-18E-16-36-ZDC †	1" CTS	.100"	11.3	1" MPT	36"
XR-18E-16-72-ZDC †	1" CTS	.100"	11.3	1" MPT	72"
XR-21J-16-36-ZDC †	1" IPS	.119"	11	1" MPT	36"
XR-27G-20-36-ZDC †	1 1/4" IPS	.151"	11	1 1/4" MPT	36"
XR-27H-20-36-ZDC	1 1/4" IPS	.166"	10	1 1/4" MPT	36"
XR-31K-24-36-ZDC †	1 1/2" IPS	.173"	11	1 1/2" MPT	36"
XR-38M-32-36-ZDC †	2" IPS	.216"	11	2" MPT	36"

† CSA Listed



Scan the QR Code for more information on the X-Riser.

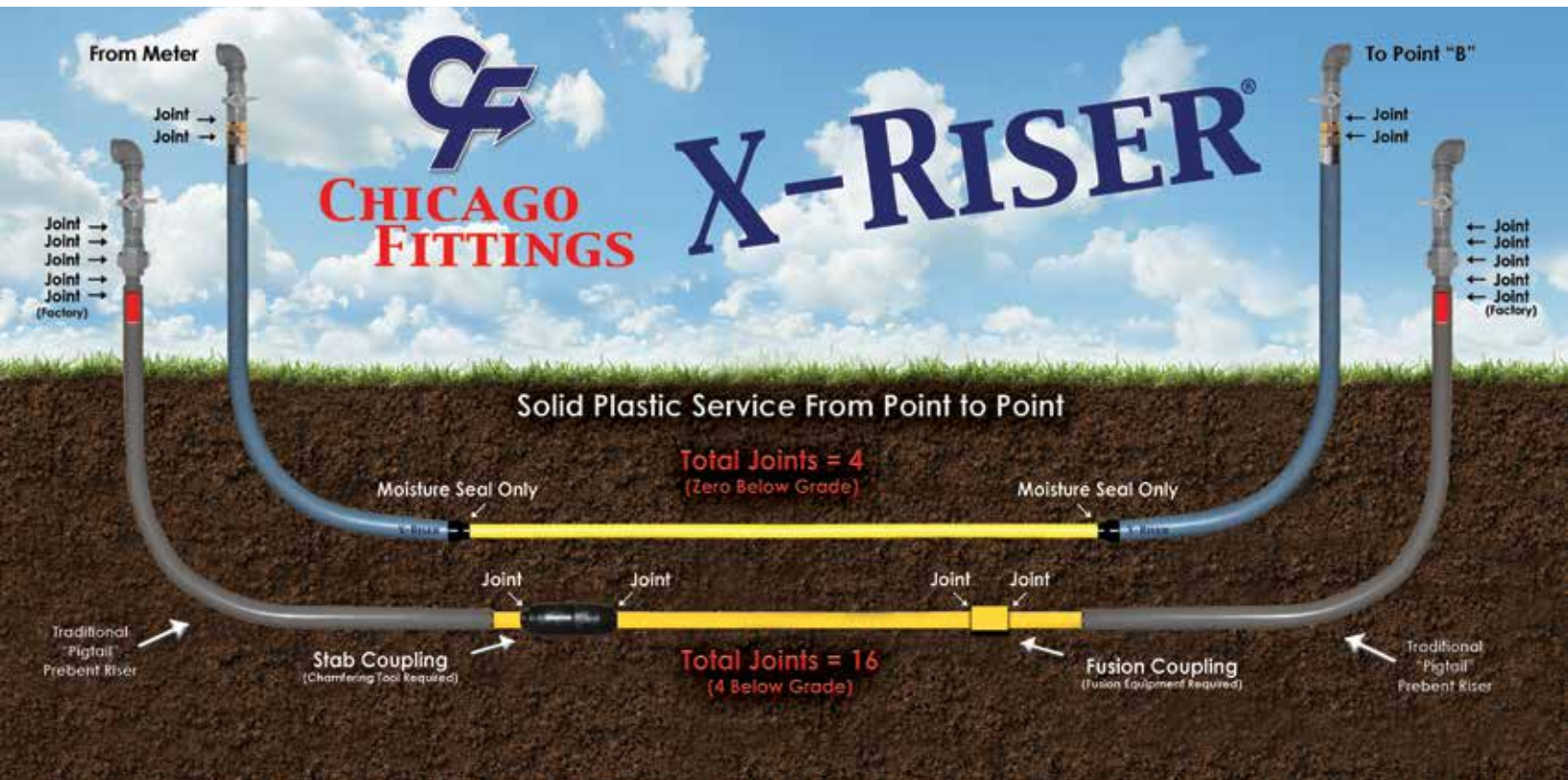


Scan the QR Code for more information on How to Install the X-Riser.



# X-RISER®

Flexible Anodeless Risers For Natural Gas Applications



## Features & Benefits

### NO UNDERGROUND JOINTS

One solid service line from point-to-point with above ground terminations.

### NO CHAMFERING

A simple clean cut is all that is required.

### BI-DIRECTIONAL SEAL

Assembly CAN'T be installed improperly where some competitors multiple internal components MUST have proper order and orientation to function properly.

### NO TORQUE REQUIREMENTS

All X-Risers incorporate the "bottoming" or "positive stop" design. Simply tighten the compression nut until it is metal-to-metal and you are done.

### SIMPLE DESIGN

Can be installed with flat jaw wrenches extending the life of protective coatings commonly flawed or removed by pipe wrenches.

### INTEGRAL BARBED STIFFENERS

Are permanent (not loose) for additional pull out resistance.

### QUALITY

Chicago Fittings products are CNC machined from solid bar stock (not castings) providing high quality product with the most precise threads and design flexibility.

# X-RISER®

## Flexible Anodeless Risers with Heat Shield/Liner for Propane Use

The easy-to-install X-Riser is an extremely safe, field assembled, service head type riser appropriate for both new construction and PE service line renewals.

This product utilizes our CFlexliner™ technology for greatly improved flexibility and reduced memory when coiled.

This product meets NFPA58 requirements.



Part #	Tube Size	Wall Thickness	SDR	Outlet Size	Conduit Length
XR-10B-8-36-L-ZDC +	1/2" CTS	.090"	7	1/2" MPT	36"
XR-10B-8-72-L-ZDC +	1/2" CTS	.090"	7	1/2" MPT	72"
XR-10B-8-84-L-ZDC +	1/2" CTS	.090"	7	1/2" MPT	84"
XR-10B-8-96-L-ZDC +	1/2" CTS	.090"	7	1/2" MPT	96"
XR-10B-8-144-L-ZDC +	1/2" CTS	.090"	7	1/2" MPT	144"
XR-10B-8SN-36-L-ZDC	1/2" CTS	.090"	7	1/2" Female Swivel 45° Flare	36"
XR-10B-8SN-72-L-ZDC	1/2" CTS	.090"	7	1/2" Female Swivel 45° Flare	72"
XR-10B-8SN-84-L-ZDC	1/2" CTS	.090"	7	1/2" Female Swivel 45° Flare	84"
XR-10B-8SN-96-L-ZDC	1/2" CTS	.090"	7	1/2" Female Swivel 45° Flare	96"
XR-10B-8SN-144-L-ZDC	1/2" CTS	.090"	7	1/2" Female Swivel 45° Flare	144"
XR-10B-12-36-L-ZDC +	1/2" CTS	.090"	7	3/4" MPT	36"
XR-10B-12-48-L-ZDC +	1/2" CTS	.090"	7	3/4" MPT	84"
XR-10B-12-72-L-ZDC +	1/2" CTS	.090"	7	3/4" MPT	72"
XR-10B-12-96-L-ZDC +	1/2" CTS	.090"	7	3/4" MPT	96"
XR-10B-12-144-L-ZDC +	1/2" CTS	.090"	7	3/4" MPT	144"
XR-13B-8-36-L-ZDC +	1/2" IPS	.090"	9.3	1/2"	36"
XR-13B-8-72-L-ZDC +	1/2" IPS	.090"	9.3	1/2"	72"
XR-13B-8-96-L-ZDC +	1/2" IPS	.090"	9.3	1/2"	96"
XR-13B-8SN-36-L-ZDC	1/2" IPS	.090"	9.3	1/2" Female Swivel 45° Flare	36"
XR-13B-8SN-72-L-ZDC	1/2" IPS	.090"	9.3	1/2" Female Swivel 45° Flare	72"
XR-13B-8SN-96-L-ZDC	1/2" IPS	.090"	9.3	1/2" Female Swivel 45° Flare	96"
XR-13B-10SN-36-L-ZDC	1/2" IPS	.090"	9.3	5/8" Female Swivel 45° Flare	36"
XR-13B-10SN-72-L-ZDC	1/2" IPS	.090"	9.3	5/8" Female Swivel 45° Flare	72"
XR-13B-10SN-96-L-ZDC	1/2" IPS	.090"	9.3	5/8" Female Swivel 45° Flare	96"
XR-13B-12-36-L-ZDC +	1/2" IPS	.090"	9.3	3/4"	36"
XR-13B-12-72-L-ZDC +	1/2" IPS	.090"	9.3	3/4"	72"
XR-13B-12-96-L-ZDC +	1/2" IPS	.090"	9.3	3/4"	96"
XR-17C-10SN-36-L-ZDC	3/4" IPS	.095"	11	5/8" Female Swivel 45° Flare	36"
XR-17C-10SN-72-L-ZDC	3/4" IPS	.095"	11	5/8" Female Swivel 45° Flare	72"
XR-17C-10SN-84-L-ZDC	3/4" IPS	.095"	11	5/8" Female Swivel 45° Flare	84"
XR-17C-10SN-96-L-ZDC	3/4" IPS	.095"	11	5/8" Female Swivel 45° Flare	96"
XR-17C-12-36-L-ZDC +	3/4" IPS	.095"	11	3/4" MPT	36"
XR-17C-12-72-L-ZDC +	3/4" IPS	.095"	11	3/4" MPT	72"
XR-17C-12-84-L-ZDC +	3/4" IPS	.095"	11	3/4" MPT	84"
XR-17C-12-96-L-ZDC +	3/4" IPS	.095"	11	3/4" MPT	96"
XR-18E-12-36-L-ZDC +	1" CTS	.100"	11.3	3/4" MPT	36"
XR-18E-12-72-L-ZDC +	1" CTS	.100"	11.3	3/4" MPT	72"
XR-18E-16-36-L-ZDC +	1" CTS	.100"	11.3	1" MPT	36"
XR-18E-16-72-L-ZDC +	1" CTS	.100"	11.3	1" MPT	72"
XR-18E-16-96-L-ZDC +	1" CTS	.100"	11.3	1" MPT	96"
XR-21J-12-36-L-ZDC +	1" IPS	.119"	11	3/4" MPT	36"
XR-21J-12-72-L-ZDC +	1" IPS	.119"	11	3/4" MPT	72"
XR-21J-12-96-L-ZDC +	1" IPS	.119"	11	3/4" MPT	96"
XR-21J-16-72-L-ZDC +	1" IPS	.119"	11	1" MPT	72"
XR-21J-16-96-L-ZDC +	1" IPS	.119"	11	1" MPT	96"
XR-27G-20-36-L-ZDC +	1 1/4" IPS	.151"	11	1 1/4"	36"
XR-27H-20-36-L-ZDC	1 1/4"	.166"	10	1 1/4"	36"

+ CSA Listed



Scan the QR Code for more information on the X-Riser.

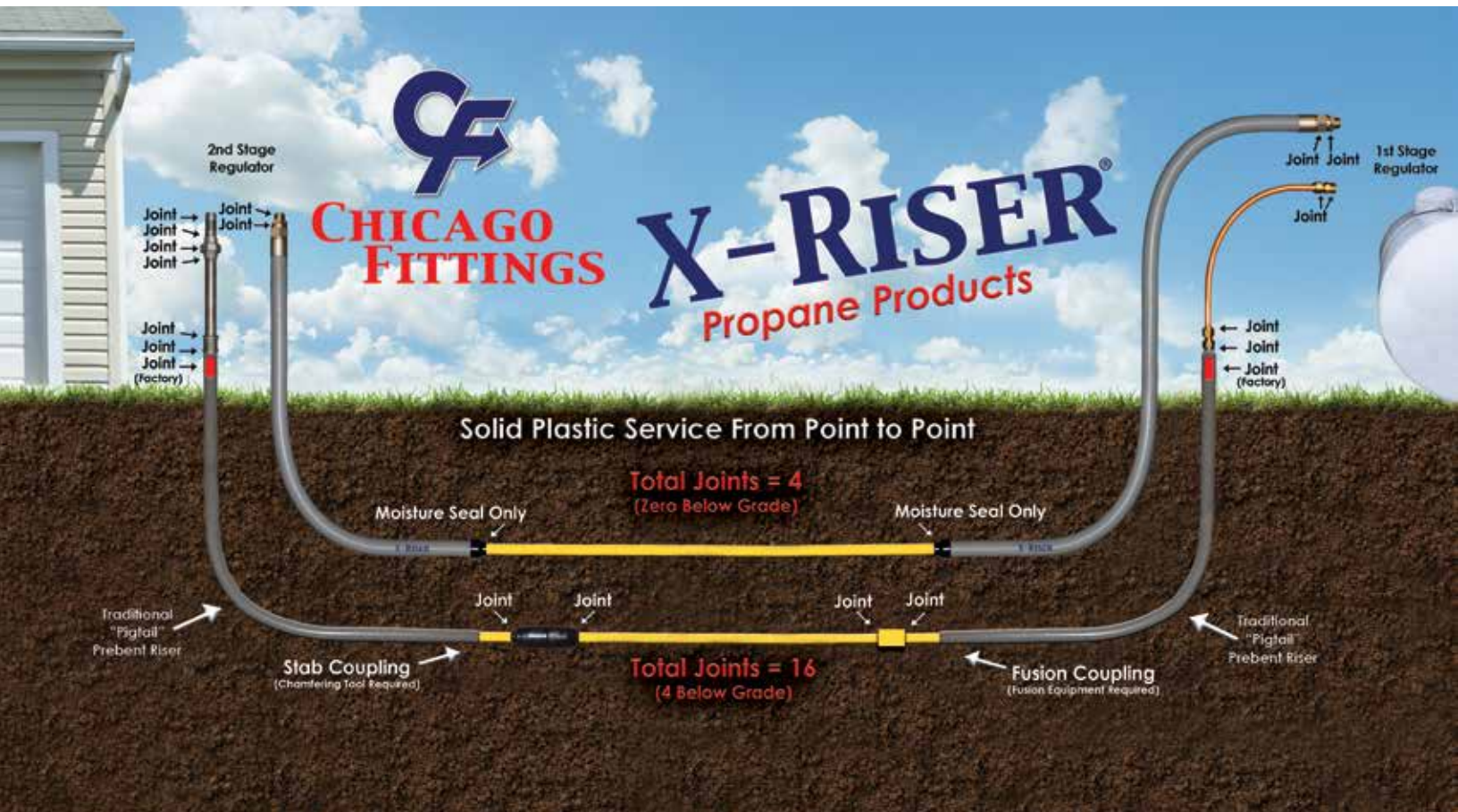


Scan the QR Code for more information on How to Install the X-Riser.



# X-RISER®

Flexible Anodeless Risers with Heat Shield/Liner for Propane Use



## Features & Benefits

### NO UNDERGROUND JOINTS

One solid service line from point-to-point with above ground terminations.

### NO CHAMFERING

A simple clean cut is all that is required.

### BI-DIRECTIONAL SEAL

Assembly CAN'T be installed improperly where some competitors multiple internal components MUST have proper order and orientation to function properly.

### NO TORQUE REQUIREMENTS

All X-Risers incorporate the "bottoming" or "positive stop" design. Simply tighten the compression nut until it is metal-to-metal and you are done.

### SIMPLE DESIGN

Can be installed with flat jaw wrenches extending the life of protective coatings commonly flawed or removed by pipe wrenches.

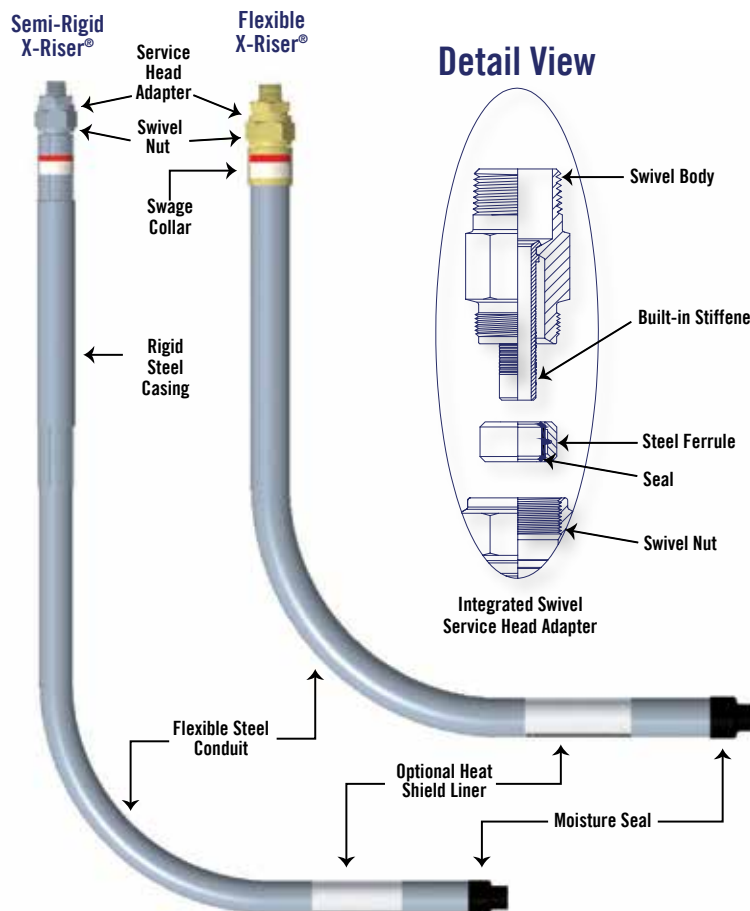
### INTEGRAL BARBED STIFFENERS

Are permanent (not loose) for additional pull out resistance.

### QUALITY

Chicago Fittings products are CNC machined from solid bar stock (not castings) providing high quality product with the most precise threads and design flexibility.

# Technical Information



## Features & Benefits

- **ELIMINATE** Below grade joints at the building
- Bottoming nut (positive stop) eliminates the need for torque measurement
- One piece bi-directional seal/ferrule assembly design eliminates worries of "Order & Orientation" of multiple internal components
- Swage collar design eliminates the need for a "Weep Hole" which exposes the PE to both UV rays and outdoor elements
- Eliminates the need for chamfering tools and fusion equipment

<b>RISER CODE</b>	Defines type of construction of product.
<b>PE SIZE CODE</b>	Defines the size of the Gas Service being used.
<b>PE WALL CODE</b>	Defines the wall thickness of PE Gas Service being used.
<b>MPT CODE</b>	Defines the type of male thread being used to attach the riser to the meter set or regulator.
<b>RIGID CODE</b>	Optional code only used in conjunction with riser code if "RXR" is used. This code defines the length of rigid casing to be used.
<b>FLEX CODE</b>	Defines the length of flexible conduit to be used.
<b>LINER CODE</b>	Optional code, only to be used if liner is required.
<b>FINISH CODE</b>	Defines the finish of service head adapter, collar, and rigid portion of the riser.

## RXR-10B-12-24-36-L-ZDC

<b>RISER CODE</b> RXR = Semi-Rigid/Partial Flexible XR = Flexible	<b>RIGID CODE</b> 12 = 12" of Rigid Casing 18 = 18" of Rigid Casing 24 = 24" of Rigid Casing 36 = 36" of Rigid Casing
<b>PE SIZE CODE</b> 10 = 1/2" CTS    21 = 1" IPS 13 = 1/2" IPS    22 = 1 1/4" CTS 14 = 3/4" CTS    27 = 1 1/4" IPS 17 = 3/4" IPS    31 = 1 1/2" IPS 18 = 1" CTS    38 = 2" IPS	<b>FLEX CODE</b> 24 = 24" of Flexible Conduit 36 = 36" of Flexible Conduit 48 = 48" of Flexible Conduit 60 = 60" of Flexible Conduit 72 = 72" of Flexible Conduit 96 = 96" of Flexible Conduit
<b>PE WALL CODE</b> A = .062 Wall    G = .151 Wall B = .090 Wall    H = .166 Wall C = .095 Wall    J = .119 Wall E = .100 Wall    K = .173 Wall F = .121 Wall    M = .216 Wall	<b>LINER CODE</b> L = Liner OPTIONAL
<b>MPT CODE</b> 8 = 1/2" MPT    20 = 1 1/4" MPT 12 = 3/4" MPT    24 = 1 1/2" MPT 16 = 1" MPT    32 = 2" MPT	<b>FINISH CODE</b> ZDC = Yellow Zinc Dichromate EG = E-Coat Grey



# X-RISER® Replacement Components

## Service Head Top Half Assemblies with Integral Stiffener

The easy-to-install X-Riser is an extremely safe, field assembled, service head type riser appropriate for both new construction and PE service line renewals.

Part #	Outlet	Tube Size	Wall Thickness	SDR
A597-10-12	3/4" MPT	1/2" CTS	.090"	7
A597-10-8	1/2" MPT	1/2" CTS	.090"	7
A597-10-8-SW	1/2" Female Swivel 45° Flare	1/2" CTS	.090"	7
A597-13-8	1/2" MPT	1/2" IPS	.090"	9.3
A597-13-8-SW	1/2" Female Swivel 45° Flare	1/2" IPS	.090"	9.3
A597-13-10-SW	5/8" Female Swivel 45° Flare	1/2" IPS	.090"	9.3
A597-13-12	3/4" MPT	1/2" IPS	.090"	9.3
A597-13-21	1" MPT	1/2" IPS	.090"	9.3
A597-17-12	3/4" MPT	3/4" IPS	.095"	11
A597-17-10-SW	5/8" Female Swivel 45° Flare	3/4" IPS	.095"	11
B597-18-12	3/4" MPT	1" CTS	.090"	12.5
B597-18-16	1" MPT	1" CTS	.090"	12.5
A597-18-12	3/4" MPT	1" CTS	.100"	11.3
A597-18-16	1" MPT	1" CTS	.100"	11.3
A597-21-17	3/4" MPT	1" IPS	.119"	11
A597-21-21	1" MPT	1" IPS	.119"	11
A597-27-27	1 1/4" MPT	1 1/4" IPS	.151"	11
B597-27-27	1 1/4" MPT	1 1/4" IPS	.166"	10
A597-31-31	1 1/2" MPT	1 1/2" IPS	.173"	11
A597-38-38	2" MPT	2" IPS	.216"	11

Note: The above part numbers are directly interchangeable with any X-Riser of the same corresponding tube size.

## SEAL / FERRULE ASSY

Part #	Tube Size
CY10S	1/2" CTS
CY14S	1/2" IPS
CY17S	3/4" IPS
CY18S	1" CTS
CY21	1" IPS
CY22S	1 1/4" CTS
CY27S	1 1/4" IPS
CY31S	1 1/2" IPS
CY38S	2" IPS



# X-RISER®

## NO UNDERGROUND JOINTS

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## NO CHAMFERING

A simple clean cut is all that is required.

## BI-DIRECTIONAL SEAL

Assembly CAN'T be installed improperly where some competitors multiple internal components MUST have proper order and orientation to function properly.

## NO TORQUE REQUIREMENTS

All X-Risers incorporate the "bottoming" or "positive stop" design. Simply tighten the compression nut until it is metal-to-metal and you are done.

## SIMPLE DESIGN

Can be installed with flat jaw wrench extending the life of protective coatings commonly flawed or removed by pipe wrenches.

## INTEGRAL BARBED STIFFENERS

Are permanent (not loose) for additional pull out resistance.

## QUALITY

Chicago Fittings products are CNC machined from solid bar stock (not castings) providing high quality product with the most precise threads and design flexibility.



Scan the QR Code for more information on How to Install the X-Riser.



## INSTALLATION STEPS



1

Remove body and install the body into meter valve, regulator or piping system first.



2

Insert plastic service tube thru the riser assembly and extend the plastic a minimum of 5" past the end of the swivel nut.



3

Cut the plastic tubing square and deburr O.D. and I.D. Clean exposed tubing with a clean, dry, grease free cloth making sure not to scratch the surface of the plastic tubing.



4

Mark tubing to stab depth (SEE CHART) with felt tip pen or suitable marker. Make sure not to scratch the surface of the plastic tubing with marker.



5

Slip seal over plastic service tube and slide seal into the swivel nut.



6

Stab plastic up into body until the end of body is flush to within 1/8" of the mark.



7

Push swivel nut towards body threads and engage threads. Tighten swivel nut and body until fitting becomes iron bound, that is, "metal to metal".





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# Semi-Rigid X-RISER<sup>®</sup>

*A Series of Semi-Rigid Anodeless Risers for the Gas Utility Market*

**June 2025**



# Semi-Rigid X-RISER®

## Rigid Steel and Flexible Anodeless Riser for Natural Gas Application

This field assembled service head type riser is appropriate for both new construction and PE service line renewals. The carbon steel casing can be used for rigid mounting while still allowing for flexible assembly underground. Use the model number system to build your fully customizable semi-rigid X-Riser.

This product meets NFPA54 requirements.



<b>RXR</b>	<b>- 10</b>	<b>B</b>	<b>- 12</b>	<b>- 24</b>	<b>- 36</b>	<b>- ZDC</b>
<b>RISER CODE</b>	<b>PE SIZE CODE</b>	<b>PE WALL CODE</b> Wall Thickness	<b>MPT CODE</b>	<b>RIGID CODE</b> Rigid Casing	<b>FLEX CODE</b> Flexible Conduit	<b>FINISH CODE</b>
<b>RXR</b> = Semi-Rigid/ Partial Flexible	<b>10</b> = 1/2" CTS <b>13</b> = 1/2" IPS	<b>A</b> = .062" <b>B</b> = .090"	<b>8</b> = 1/2" <b>12</b> = 3/4"	<b>12</b> = 12" <b>18</b> = 18"	<b>24</b> = 24" <b>36</b> = 36"	<b>ZDC</b> = Yellow Zinc Dichromate
<b>XR</b> = Flexible	<b>14</b> = 3/4" CTS <b>17</b> = 3/4" IPS <b>18</b> = 1" CTS <b>21</b> = 1" IPS <b>22</b> = 1 1/4" CTS <b>27</b> = 1 1/4" IPS <b>31</b> = 1 1/2" IPS <b>38</b> = 2" IPS	<b>C</b> = .095" <b>E</b> = .100" <b>F</b> = .121" <b>G</b> = .151" <b>H</b> = .166" <b>J</b> = .119" <b>K</b> = .173" <b>M</b> = .216"	<b>16</b> = 1" <b>20</b> = 1 1/4" <b>24</b> = 1 1/2" <b>32</b> = 2"	<b>24</b> = 24" <b>36</b> = 36"	<b>48</b> = 48" <b>60</b> = 60" <b>72</b> = 72" <b>96</b> = 96"	<b>EG</b> = E-Coat Grey

Part #	Tube Size	Wall Thickness	SDR	Outlet Size	Rigid Length	Conduit Length
RXR-10B-12-24-36-L-EG +	1/2" CTS	.090"	7	3/4" MPT	24"	36"
RXR-17C-12-24-36-EG +	3/4" IPS	.095"	11	3/4" MPT	24"	36"
RXR-18B-16-18-36-EG	1" CTS	.090"	12.5	1" MPT	18"	36"
RXR-18E-20-24-36-EG +	1" CTS	.100"	11.3	1 1/4" MPT	24"	36"
RXR-21J-16-24-24-ZDC +	1" IPS	.119"	11	1" MPT	24"	24"
RXR-22B-24-24-36-EG	1 1/4" CTS	.090"	15.3	1 1/2" MPT	24"	36"

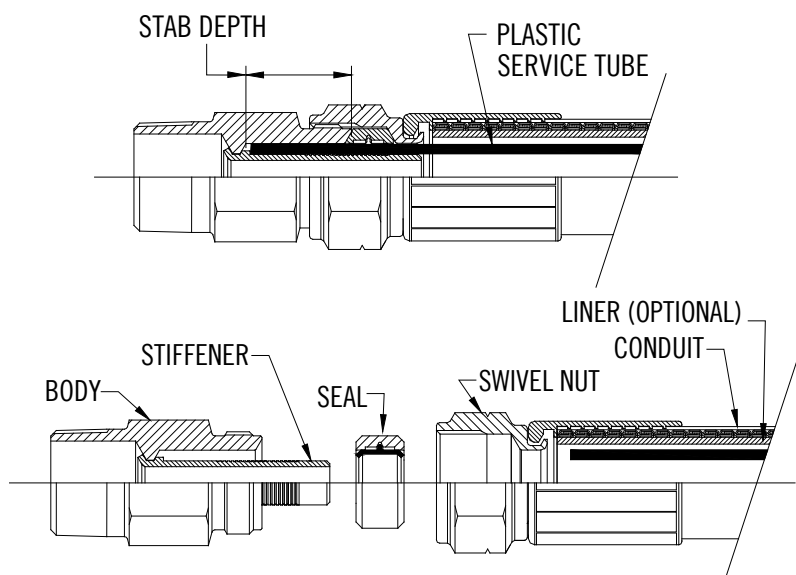
\*L = optional liner required for conformance with NFPA58

+ CSA Listed



# X-RISER®

## Installation Procedures



**Stab Depth/Stiffener Chart**

TUBE SIZE	STAB DEPTH	WALL THICKNESS	COLOR
1/2" CTS	1"	.062" .090"	GOLD STEEL
3/4" CTS	1"	.080" .090"	GOLD STEEL
1" CTS	1"	.090" .100"	STEEL GOLD
1 1/4" CTS	1"	.090" .121"	STEEL BLACK
1/2" IPS	1"	.090"	STEEL
3/4" IPS	1"	.095"	STEEL
1" IPS	3/4"	.119"	STEEL
1 1/4" IPS	1 1/4"	.151" .166"	STEEL BLACK
1 1/2" IPS	1 1/4"	.173"	STEEL
2" IPS	1 1/4"	.216"	STEEL

NOTE: .100" is used for .098" - .102" Wall Thicknesses

### ***For Outdoor Use (Working Pressure = 125 psig)***

1. Remove body and install body into the meter valve, regulator or piping system first.
2. Insert plastic service tube thru the riser assembly and extend the plastic a minimum of 5" past the end of the swivel nut.
3. Cut the plastic tubing square and deburr O.D. and I.D. Clean exposed tubing with a clean, dry, grease free cloth making sure not to scratch the surface of the plastic tubing.
4. Mark tubing to stab depth (SEE CHART) with felt tip pen or suitable marker. Make sure not to scratch the surface of the plastic tubing with marker.
5. Slip seal over plastic service tube and slide seal into the swivel nut.
6. Stab plastic up into body until the end of body is flush to within 1/8" of the mark.
7. Push swivel nut towards body threads and engage threads. Tighten swivel and body, until fitting becomes iron bound, that is, "metal to metal".

- ⚠ LINER REQUIRED FOR CONFORMANCE WITH NFPA 58
- ⚠ DESIGNATED BY LETTER "L" IN PART NUMBER EX: XR-10B-12-36-L-ZDC
- ⚠ FOR **OUTDOOR** USE ONLY!!
- ⚠ Penetrations through Concrete Slabs Must be sleeved.





**WITHOUT  
YOU  
THERE IS  
NO US.**

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# Rigid Risers

*A Series of Anodeless Rigid Risers for the Gas Market*

**June 2025**





# Anodeless Rigid Risers

Rigid Risers come pre-assembled with ASTM certified, polyethylene (PE) tubing. Designed for unmatched durability, the Rigid Riser has a solid carbon steel casing to protect the gas line from any above-ground damage, and an electrostatically applied coating for corrosion resistance.

On the connection end, the heavy wall thread and convenient wrenching hex creates an ease of installation. Simply engage the CNC quality ANPT threads to the connection point, tighten it securely, and the work is done.

These risers are compatible for heat fusion joining with pipe or fittings manufactured from like or similar resin by butt fusion, socket fusion, or electrofusion methods. Mechanical fittings can be used to install Anodeless Rigid Risers depending on local requirements. Mechanical fitting options include stab and compression fittings.

## Features:

- Double O-Ring Seal
- PE Tubing
- Heavy Wall Thread
- Electrically Applied Coating for Quality
- Traceability
- Wrenching Hex
- Electronic Leak Testing
- Meets all ASTM Performance Qualifications
- CNC Quality ANPT Threads
- Completely Coated Threads

Before Meter Application

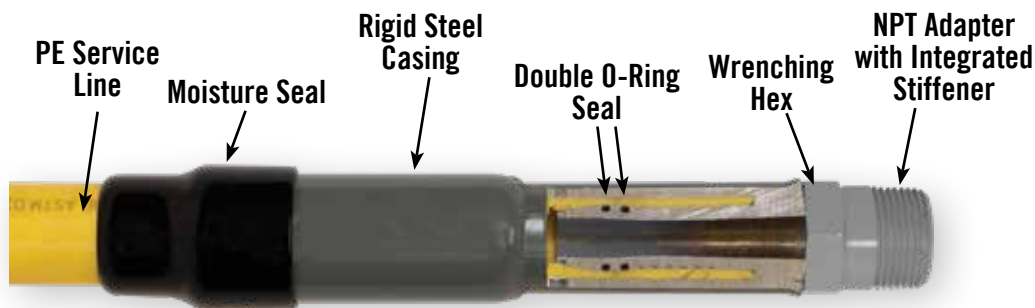


For more information,  
please scan this QR code.

After Meter Application



For more information,  
please scan this QR code.



## CERTIFICATIONS RIGID RISERS

Chicago Fittings Corporation Certifies that all rigid risers manufactured with integral stiffeners will meet all applicable requirements defined under 49CFR Part 192, D.O.T. 192.281, 192.283(b), 192.375, ASTM D2513 Category 1, ASTM F1973, ASTM F1948-12 Category 1, NFPA 58, NFPA 54 (ANSI Z223.1) and IFGC Section 403. IAPMO/UPC/IPC/CSA 137.4 Listed.

### Material Definitions

- |                    |                           |
|--------------------|---------------------------|
| 3.1 Adapter        | AISI C12L14, C1213, C1215 |
| 3.2 Casing         | A513 Type 1 or 2          |
| 3.3 Seals          | Buna-N (Nitrile)          |
| 3.4 Tubing         | ASTM D2513 MDPE and HDPE  |
| 3.5 Moisture Seals | Hot Dipped Vinyl          |



# Anodeless Rigid Risers

Use model number system to build your fully customizable rigid riser.  
Contact factory for additional information.

<b>RR</b>	<b>-</b>	<b>10</b>	<b>B*</b>	<b>-</b>	<b>12</b>	<b>-</b>	<b>24</b>	<b>-</b>	<b>36</b>
RISER CODE		PE SIZE CODE	PE WALL CODE Wall Thickness		MPT CODE		Vertical Length		Horizontal Length
RR = Rigid Riser		10 = 1/2" CTS 17 = 3/4" IPS 21 = 1" IPS 27 = 1 1/4" IPS	B = .090" C = .095" G = .151" H = .166" J = .119"		8 = 1/2" 12 = 3/4" 16 = 1" 20 = 1 1/4"		24 = 24" 30 = 30" 36 = 36"		24 = 24" 30 = 30" 36 = 36"

\*Add "H" to PE Wall Code for HDPE tubing, Example: "B" to "BH"

Part #	Description (PE Size x Outlet x Vertical Height x Horizontal Length)
RR-10B-12-30-30 +	1/2" CTS (SDR 7/.090" Wall) x 3/4" MNPT x 30" x 30"
RR-10B-12-24-36 +	1/2" CTS (SDR 7/.090" Wall) x 3/4" MNPT x 24" x 36"
RR-10B-12-36-24 +	1/2" CTS (SDR 7/.090" Wall) x 3/4" MNPT x 36" x 24"
RR-17C-12-30-30 +	3/4" IPS (SDR 11/.095" Wall) x 3/4" MNPT x 30" x 30"
RR-17C-12-24-36 +	3/4" IPS (SDR 11/.095" Wall) x 3/4" MNPT x 24" x 36"
RR-17C-12-36-24 +	3/4" IPS (SDR 11/.095" Wall) x 3/4" MNPT x 36" x 24"
RR-21J-16-30-30 +	1" IPS (SDR 11/.119" Wall) x 1" MNPT x 30" x 30"
RR-21J-16-24-36 +	1" IPS (SDR 11/.119" Wall) x 1" MNPT x 24" x 36"
RR-21J-16-36-24 +	1" IPS (SDR 11/.119" Wall) x 1" MNPT x 36" x 24"
RR-27G-20-30-30 +	1 1/4" IPS (SDR 11/.151" Wall) x 1 1/4" MNPT x 30" x 30"
RR-27G-20-24-36 +	1 1/4" IPS (SDR 11/.151" Wall) x 1 1/4" MNPT x 24" x 36"
RR-27G-20-36-24 +	1 1/4" IPS (SDR 11/.151" Wall) x 1 1/4" MNPT x 36" x 24"
RR-27H-20-30-30	1 1/4" IPS (SDR 10/.166" Wall) x 1 1/4" MNPT x 30" x 30"
RR-27H-20-24-36	1 1/4" IPS (SDR 10/.166" Wall) x 1 1/4" MNPT x 24" x 36"
RR-27H-20-36-24	1 1/4" IPS (SDR 10/.166" Wall) x 1 1/4" MNPT x 36" x 24"
RR-31K-24-30-30 +	1 1/2" IPS (SDR 11/.173" Wall) x 1 1/2" MNPT x 30" x 30"
RR-31K-24-36-24 +	1 1/2" IPS (SDR 11/.173" Wall) x 1 1/2" MNPT x 36" x 24"
RR-31K-24-24-36 +	1 1/2" IPS (SDR 11/.173" Wall) x 1 1/2" MNPT x 24" x 36"
RR-38M-32-30-30 +	2" IPS (SDR 11/.216" Wall) x 2" MNPT x 30" x 30"
RR-38M-32-36-24 +	2" IPS (SDR 11/.216" Wall) x 2" MNPT x 36" x 24"

+ CSA Listed





# Unmatched Durability, Effortless Installation

**Introducing Anodeless Rigid-Flex Risers:** Your ultimate solution for new construction and PE service line renewals. Pre-assembled with ASTM certified polyethylene (PE) tubing, these risers are designed for unparalleled durability and ease of use.

## Built to Last

- **Solid Carbon Steel Casing:** Protects gas lines from above-ground damage.
- **Corrosion Resistance:** Electrostatic coating ensures long-lasting protection.
- **Heavy Wall Thread & Wrenching Hex:** Create a solid joint without exposing bare metal.

## Easy Installation

- **CNC Quality ANPT Threads:** Simply engage and tighten with a flat jaw wrench.
- **Flexible Conduit:** Facilitates simple field installation while safeguarding the PE tubing.

## Versatile Compatibility

- **Heat Fusion Joining:** Compatible with pipe or fittings made from like or similar resin via butt fusion, socket fusion, or electrofusion methods.
- **Mechanical Fittings:** Install with stab and compression fittings as per local requirements.

**Anodeless Rigid-Flex Risers** meet NFPA54 requirements, ensuring safety and reliability for your gas line projects.

Upgrade to Rigid-Flex Risers for a seamless, durable, and secure gas line installation experience!





**WITHOUT  
YOU  
THERE IS  
NO US.**



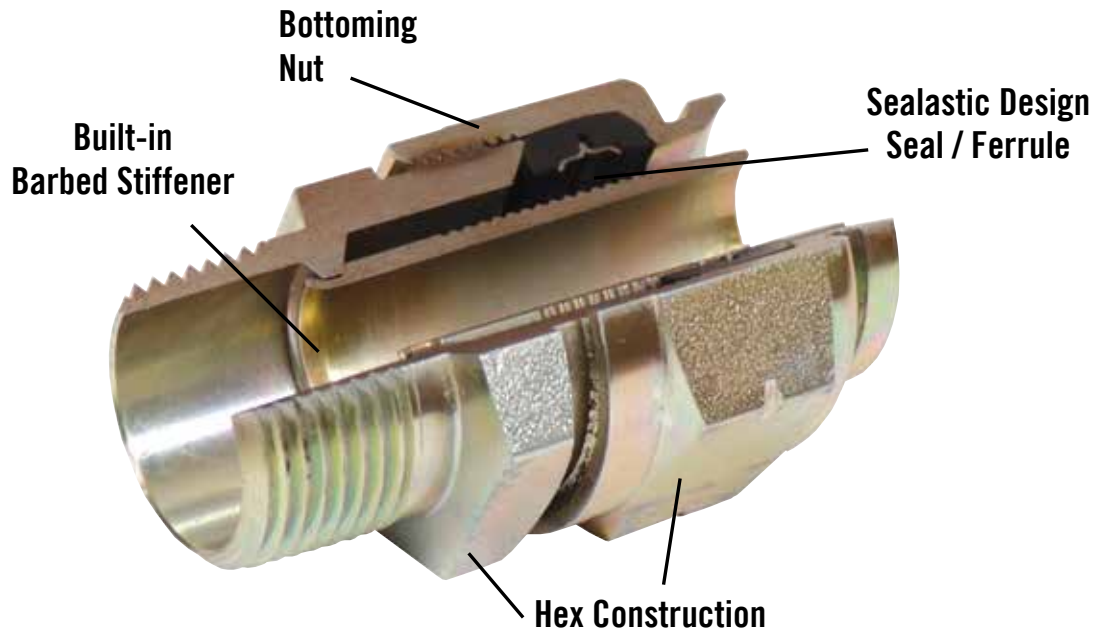
**Service Heads, Adapters, & Transition Fittings**

**June 2025**



# Installation Procedures

*Service Head Adapter with Integral Stiffener for Outdoor Meter Sets*  
(Working Pressure = 125 psig)



1. Insert plastic service tube thru the riser assembly and extend the plastic a minimum of 5" past the end of the swivel nut.
2. Cut the plastic tubing square and deburr O.D. and I.D. Clean exposed tubing with a clean, dry, grease free cloth making sure not to scratch the surface of the plastic tubing.
3. Mark tubing to stab depth (SEE CHART) with felt tip pen or suitable marker. Make sure not to scratch the surface of the plastic tubing with marker.
4. Slip seal over plastic service tube and slide seal into the swivel nut.
5. Stab plastic up into body until the end of body is flush to within 1/8" of the mark.
6. Push swivel nut towards body threads and engage threads. Tighten swivel and body, until fitting becomes iron bound, that is, "metal to metal".

**Note:** Consult factory for installation procedures on other specific adapter or coupling series.



# 85 Series Service Heads

## Outdoor Meter Set Adapters with Integral Stiffener

The 85 Series Service Head Adapter provides a safe and cost effective method for the replacement of in-service, service head type risers with minimal disruption to the customer premises. The 85 Series uses our patented Sealastic™ design with seal/ferrule and integral stiffener.



Part #	Tube Size	Wall Thickness	Outlet Size	Inlet Size
85C1-062 +	1/2" CTS	.062"	3/4" MPT	3/4" FPT
85C1-090 +	1/2" CTS	.090"	3/4" MPT	3/4" FPT
85C2-062 +	1/2" CTS	.062"	3/4" MPT	1" FPT
85C2-090 +	1/2" CTS	.090"	3/4" MPT	1" FPT
85C3-062 +	1/2" CTS	.062"	3/4" MPT	1 1/4" FPT
85C3-090 +	1/2" CTS	.090"	3/4" MPT	1 1/4" FPT
85C4-062 +	1/2" CTS	.062"	3/4" MPT	1 1/2" FPT
85C4-090 +	1/2" CTS	.090"	3/4" MPT	1 1/2" FPT
85C5-062 +	1/2" CTS	.062"	1" MPT	3/4" FPT
85C5-090 +	1/2" CTS	.090"	1" MPT	3/4" FPT
85C6-062 +	1/2" CTS	.062"	1" MPT	1" FPT
85C6-090 +	1/2" CTS	.090"	1" MPT	1" FPT
85C22-090	1/2" IPS	.090"	3/4" MPT	1" FPT
85C23-090	1/2" IPS	.090"	3/4" MPT	1 1/4" FPT
85C24-090	1/2" IPS	.090"	3/4" MPT	1 1/2" FPT
85C26-090	1/2" IPS	.090"	1" MPT	1" FPT
85C27-090	1/2" IPS	.090"	1" MPT	1 1/4" FPT
85C28-090	1/2" IPS	.090"	1" MPT	1 1/2" FPT
85C44-080	3/4" CTS	.080"	3/4" MPT	1" FPT
85C44-090 +	3/4" CTS	.090"	3/4" MPT	1" FPT
85C45-080	3/4" CTS	.080"	3/4" MPT	1 1/4" FPT
85C45-090 +	3/4" CTS	.090"	3/4" MPT	1 1/4" FPT
85C46-080	3/4" CTS	.080"	1" MPT	1" FPT
85C46-090 +	3/4" CTS	.090"	1" MPT	1" FPT
85C47-080	3/4" CTS	.080"	1" MPT	1 1/4" FPT
85C47-090 +	3/4" CTS	.090"	1" MPT	1 1/4" FPT
85C49-080	3/4" CTS	.080"	1 1/4" MPT	1" FPT
85C49-090 +	3/4" CTS	.090"	1 1/4" MPT	1" FPT
85C50-080	3/4" CTS	.080"	1 1/4" MPT	1 1/4" FPT
85C50-090 +	3/4" CTS	.090"	1 1/4" MPT	1 1/4" FPT
85C54-080	3/4" CTS	.080"	1 1/2" MPT	1 1/2" FPT
85C54-090 +	3/4" CTS	.090"	1 1/2" MPT	1 1/2" FPT
85C63-095 +	3/4" IPS	.095"	3/4" MPT	1 1/4" FPT
85C67-095 +	3/4" IPS	.095"	1" MPT	1 1/4" FPT

† CSA Listed

Part #	Tube Size	Wall Thickness	Outlet Size	Inlet Size
85C70-095 +	3/4" IPS	.095"	1 1/4" MPT	1 1/4" FPT
85C83-090	1" CTS	.090"	3/4" MPT	1 1/4" FPT
85C83-100 +	1" CTS	.100"	3/4" MPT	1 1/4" FPT
85C87-090	1" CTS	.090"	1" MPT	1 1/4" FPT
85C87-100 +	1" CTS	.100"	1" MPT	1 1/4" FPT
85C88-090	1" CTS	.090"	1" MPT	1 1/2" FPT
85C88-100 +	1" CTS	.100"	1" MPT	1 1/2" FPT
85C90-090	1" CTS	.090"	1 1/4" MPT	1 1/4" FPT
85C90-100 +	1" CTS	.100"	1 1/4" MPT	1 1/4" FPT
85C91-090	1" CTS	.090"	1 1/4" MPT	1 1/2" FPT
85C91-100 +	1" CTS	.100"	1 1/4" MPT	1 1/2" FPT
85C94-090	1" CTS	.090"	1 1/2" MPT	1 1/4" FPT
85C94-100 +	1" CTS	.100"	1 1/2" MPT	1 1/4" FPT
85C95-090	1" CTS	.090"	1 1/2" MPT	1 1/2" FPT
85C95-100 +	1" CTS	.100"	1 1/2" MPT	1 1/2" FPT
X2615 +	1" IPS	.119"	1" MPT	1 1/2" FPT
85C113-090	1 1/4" CTS	.090"	1 1/4" MPT	1 1/2" FPT
85C113-121 +	1 1/4" CTS	.121"	1 1/4" MPT	1 1/2" FPT
85C114-090	1 1/4" CTS	.090"	1 1/4" MPT	2" FPT
85C114-121 +	1 1/4" CTS	.121"	1 1/4" MPT	2" FPT
85C115-090	1 1/4" CTS	.090"	1 1/2" MPT	1 1/2" FPT
85C115-121 +	1 1/4" CTS	.121"	1 1/2" MPT	1 1/2" FPT
85C116-090	1 1/4" CTS	.090"	1 1/2" MPT	2" FPT
85C116-121 +	1 1/4" CTS	.121"	1 1/2" MPT	2" FPT
85C117-090	1 1/4" CTS	.090"	2" MPT	2" FPT
85C117-121	1 1/4" CTS	.121"	2" MPT	2" FPT
85C132-151 +	1 1/4" IPS	.151"	1 1/4" MPT	2" FPT
85C132-166	1 1/4" IPS	.166"	1 1/4" MPT	2" FPT
85C135-151 +	1 1/4" IPS	.151"	1 1/2" MPT	2" FPT
85C135-166	1 1/4" IPS	.166"	1 1/2" MPT	2" FPT
85C139-151 +	1 1/4" IPS	.151"	2" MPT	2" FPT
85C139-166	1 1/4" IPS	.166"	2" MPT	2" FPT
85C180-216 +	2" IPS	.216"	2" MPT	3" FPT

# 87 Series

## Captive, Basement Adapters with Loose Stiffener Indoor

The 87 Series Service Head Adapter provides a safe and cost-effective method for the replacement of in-service, service head adapter-style risers with minimal disruption to the customer premises. The 87 Series uses our patented Sealastic™ design with seal/ferrule and loose stiffener.



Part #	Tube Size	Wall Thickness	Outlet Size	Inlet Size	Part #	Tube Size	Wall Thickness	Outlet Size	Inlet Size
87C21-17-10L090 +	1/2" CTS	.090"	1" MPT	3/4" FPT	87C31-38-18L121	1" CTS	.121"	1 1/2" MPT	2" FPT
87C21-21-10L090 +	1/2" CTS	.090"	1" MPT	1" FPT	87C38-27-18L090	1" CTS	.090"	2" MPT	1 1/4" FPT
87C21-27-10L090 +	1/2" CTS	.090"	1" MPT	1 1/4" FPT	87C38-27-18L100 +	1" CTS	.100"	2" MPT	1 1/4" FPT
87C27-17-10L090 +	1/2" CTS	.090"	1 1/4" MPT	3/4" FPT	87C38-27-18L121	1" CTS	.121"	2" MPT	1 1/4" FPT
87C27-21-10L090 +	1/2" CTS	.090"	1 1/4" MPT	1" FPT	87C38-31-18L090	1" CTS	.090"	2" MPT	1 1/2" FPT
87C27-27-10L090 +	1/2" CTS	.090"	1 1/4" MPT	1 1/4" FPT	87C38-31-18L100 +	1" CTS	.100"	2" MPT	1 1/2" FPT
87C31-17-10L090 +	1/2" CTS	.090"	1 1/2" MPT	3/4" FPT	87C38-31-18L121	1" CTS	.121"	2" MPT	1 1/2" FPT
87C31-21-10L090 +	1/2" CTS	.090"	1 1/2" MPT	1" FPT	87C38-38-18L090	1" CTS	.090"	2" MPT	2" FPT
87C31-27-10L090 +	1/2" CTS	.090"	1 1/2" MPT	1 1/4" FPT	87C38-38-18L100 +	1" CTS	.100"	2" MPT	2" FPT
87C31-27-18L090	1" CTS	.090"	1 1/2" MPT	1 1/4" FPT	87C38-38-18L121 +	1" CTS	.121"	2" MPT	2" FPT
87C31-27-18L100 +	1" CTS	.100"	1 1/2" MPT	1 1/4" FPT	87C38-31-22L090	1 1/4" CTS	.090"	2" MPT	1 1/2" FPT
87C31-27-18L121	1" CTS	.121"	1 1/2" MPT	1 1/4" FPT	87C38-31-22L121 +	1 1/4" CTS	.121"	2" MPT	1 1/2" FPT
87C31-31-18L090	1" CTS	.090"	1 1/2" MPT	1 1/2" FPT	87C38-38-22L090	1 1/4" CTS	.090"	2" MPT	2" FPT
87C31-31-18L100 +	1" CTS	.100"	1 1/2" MPT	1 1/2" FPT	87C38-38-22L121 +	1 1/4" CTS	.121"	2" MPT	2" FPT
87C31-31-18L121	1" CTS	.121"	1 1/2" MPT	1 1/2" FPT	87C46-38-27L151 +	1 1/4" IPS	.151"	2 1/2" MPT	2" FPT
87C31-38-18L090	1" CTS	.090"	1 1/2" MPT	2" FPT	87C46-38-27L166	1 1/4" IPS	.166"	2 1/2" MPT	2" FPT
87C31-38-18L100 +	1" CTS	.100"	1 1/2" MPT	2" FPT					

+ CSA Listed

## Basement Kits

Part #	Tube Size	Wall Thickness	Outlet Size	Inlet Size
87C21-17-10L090-KIBL2117	1/2" CTS	.090"	1" MPT	3/4" FPT
87C21-21-10L090-KIBL2117	1/2" CTS	.090"	1" MPT	1" FPT
87C21-27-10L090-KIBL2117	1/2" CTS	.090"	1" MPT	1 1/4" FPT
87C31-27-18L090-KIBL3121	1" CTS	.090"	1 1/2" MPT	1 1/4" FPT
87C31-27-18L090-KIBL3127	1" CTS	.090"	1 1/2" MPT	1 1/4" FPT
87C31-27-18L100-KIBL3121	1" CTS	.100"	1 1/2" MPT	1 1/4" FPT
87C31-27-18L100-KIBL3127	1" CTS	.100"	1 1/2" MPT	1 1/4" FPT
87C31-31-18L090-KIBL3121	1" CTS	.090"	1 1/2" MPT	2" FPT
87C31-31-18L090-KIBL3127	1" CTS	.090"	1 1/2" MPT	2" FPT
87C31-31-18L100-KIBL3127	1" CTS	.100"	1 1/2" MPT	2" FPT
87C38-31-22L090-KIBL3827	1 1/4" CTS	.090"	2" MPT	1 1/2" FPT
87C38-31-22L090-KIBL3831	1 1/4" CTS	.090"	2" MPT	1 1/2" FPT

# 89 Series

## Extended Length Thread End with Integral Stiffener

The 89 Series Service Head Adapter with Extended Length Thread End provides a safe and cost effective method for the replacement of in-service, service head type risers with minimal disruption to the customer premises. The 89 Series uses our patented Sealastic™ design with seal/ferrule and integral stiffener.



Part #	Tube Size	Wall Thickness	Inlet Size	Outlet Size
89C1-062 †	1/2" CTS	.062"	3/4" FPT	3/4" MPT
89C1-090 †	1/2" CTS	.090"	3/4" FPT	3/4" MPT
89C44-080	3/4" CTS	.080"	1" FPT	3/4" MPT
89C44-090 †	3/4" CTS	.090"	1" FPT	3/4" MPT
89C90-090	1" CTS	.090"	1 1/4" FPT	1 1/4" MPT
89C90-100 †	1" CTS	.100"	1 1/4" FPT	1 1/4" MPT
89C113-090	1 1/4" CTS	.090"	1 1/2" FPT	1 1/4" MPT
89C113-121 †	1 1/4" CTS	.121"	1 1/2" FPT	1 1/4" MPT
89C115-090	1 1/4" CTS	.090"	1 1/2" FPT	1 1/2" MPT
89C115-121 †	1 1/4" CTS	.121"	1 1/2" FPT	1 1/2" MPT

† CSA Listed

# 91 Series

## Extended Length Plain End with Integral Stiffener

The 91 Series Service Head Adapter with Extended Length Plain End provides a safe and cost effective method for the replacement of in-service, service head adapter-style risers with minimal disruption to the customer premises. The 91 Series uses our patented Sealastic™ design with seal/ferrule and integral stiffener.



Part #	Tube Size	Wall Thickness	Inlet Size	IPS Size (Plain End Outlet)
91C1-062 †	1/2" CTS	.062"	3/4" FPT	3/4"
91C1-090 †	1/2" CTS	.090"	3/4" FPT	3/4"
91C44-080	3/4" CTS	.080"	1" FPT	3/4"
91C44-090 †	3/4" CTS	.090"	1" FPT	3/4"
91C90-090	1" CTS	.090"	1 1/4" FPT	1 1/4"
91C90-100 †	1" CTS	.100"	1 1/4" FPT	1 1/4"
91C113-090	1 1/4" CTS	.090"	1 1/2" FPT	1 1/4"
91C113-121 †	1 1/4" CTS	.121"	1 1/2" FPT	1 1/4"
91C115-090	1 1/4" CTS	.090"	1 1/2" FPT	1 1/2"
91C115-121 †	1 1/4" CTS	.121"	1 1/2" FPT	1 1/2"

† CSA Listed



# 597 Series

## Male Adapters with Integral Stiffener

597 Series Male Adapters create a seal and restraining connection when joining steel and polyethylene pipe. With minimal training, make quick, consistent, and quality joints. No need for any special tools. You only need a common flat jaw wrench. Connections from 1/2" CTS through 2" IPS.



Part #	Tube Size	Wall Thickness	Outlet Size
M597C1S062 +	1/2" CTS	.062"	1/2" MPT
M597C1S090 +	1/2" CTS	.090"	1/2" MPT
M597C2S062 +	1/2" CTS	.062"	3/4" MPT
M597C2S090 +	1/2" CTS	.090"	3/4" MPT
M597C3S062 +	1/2" CTS	.062"	1" MPT
M597C3S090 +	1/2" CTS	.090"	1" MPT
M597C11S090	1/2" IPS	.090"	1/2" MPT
M597C12S090	1/2" IPS	.090"	3/4" MPT
M597C13S090	1/2" IPS	.090"	1" MPT
M597C22S077	3/4" CTS	.077"	3/4" MPT
M597C22S090 +	3/4" CTS	.090"	3/4" MPT
M597C23S090 +	3/4" CTS	.090"	1" MPT
M597C32S095 +	3/4" IPS	.095"	3/4" MPT
M597C33S095 +	3/4" IPS	.095"	1" MPT
M597C42S090	1" CTS	.090"	3/4" MPT
M597C42S100 +	1" CTS	.100"	3/4" MPT
M597C42S101	1" CTS	.101"	3/4" MPT
M597C43S090	1" CTS	.090"	1" MPT
M597C43S100 +	1" CTS	.100"	1" MPT
M597C44S090	1" CTS	.090"	1 1/4" MPT
M597C44S100 +	1" CTS	.100"	1 1/4" MPT
M597C45S090	1" CTS	.090"	1 1/2" MPT
M597C45S100 +	1" CTS	.100"	1 1/2" MPT

Part #	Tube Size	Wall Thickness	Outlet Size
M597C52S119 +	1" IPS	.119"	3/4" MPT
M597C53S119 +	1" IPS	.119"	1" MPT
M597C54S119 +	1" IPS	.119"	1 1/4" MPT
M597C55S119 +	1" IPS	.119"	1 1/2" MPT
M597C64S090	1 1/4" CTS	.090"	1 1/4" MPT
M597C64S121 +	1 1/4" CTS	.121"	1 1/4" MPT
M597C65S090	1 1/4" CTS	.090"	1 1/2" MPT
M597C65S121 +	1 1/4" CTS	.121"	1 1/2" MPT
M597C66S090	1 1/4" CTS	.090"	2" MPT
M597C66S121 +	1 1/4" CTS	.121"	2" MPT
M597C73S151 +	1 1/4" IPS	.151"	1" MPT
M597C73S166	1 1/4" IPS	.166"	1" MPT
M597C74S151 +	1 1/4" IPS	.151"	1 1/4" MPT
M597C74S166	1 1/4" IPS	.166"	1 1/4" MPT
M597C75S151 +	1 1/4" IPS	.151"	1 1/2" MPT
M597C75S166	1 1/4" IPS	.166"	1 1/2" MPT
M597C81S173 +	1 1/2" IPS	.173"	1 1/4" MPT
M597C82S173 +	1 1/2" IPS	.173"	1 1/2" MPT
M597C83S173 +	1 1/2" IPS	.173"	2" MPT
M597C95S216 +	2" IPS	.216"	1 1/2" MPT
M597C96S216 +	2" IPS	.216"	2" MPT

† CSA Listed

# 557 Series

## Extended Thread End Adapter with Integral Stiffener

557 Series Extended Thread End Male Adapters create a seal and restraining connection when joining steel and polyethylene pipe. With minimal training make quick, consistent, and quality joints. No need for any special tools. You only need a common flat jaw wrench. Connections from 1/2" CTS through 1 1/4" CTS.



Part #	Tube Size	Wall Thickness	IPS Size (Thread End Outlet)
M557C2S062 +	1/2" CTS	.062"	3/4"
M557C2S090 +	1/2" CTS	.090"	3/4"
M557C3S062 +	1/2" CTS	.062"	1"
M557C3S090 +	1/2" CTS	.090"	1"
M557C12S090	1/2" IPS	.090"	3/4"
M557C13S090	1/2" IPS	.090"	1"
M557C23S090 +	3/4" CTS	.090"	1"
M557C32S095 +	3/4" IPS	.095"	3/4"
M557C33S095 +	3/4" IPS	.095"	1"
M557C43S090	1" CTS	.090"	1"
M557C43S100 +	1" CTS	.100"	1"

Part #	Tube Size	Wall Thickness	IPS Size (Thread End Outlet)
M557C44S090	1" CTS	.090"	1 1/4"
M557C44S100 +	1" CTS	.100"	1 1/4"
M557C45S090	1" CTS	.090"	1 1/2"
M557C45S100 +	1" CTS	.100"	1 1/2"
M557C64S090	1 1/4" CTS	.090"	1 1/4"
M557C64S121 +	1 1/4" CTS	.121"	1 1/4"
M557C65S090	1 1/4" CTS	.090"	1 1/2"
M557C65S121 +	1 1/4" CTS	.121"	1 1/2"
M557C66S090	1 1/4" CTS	.090"	2"
M557C66S121 +	1 1/4" CTS	.121"	2"

† CSA Listed

# 575 Series

## Extended Plain End Adapter with Integral Stiffener

575 Series Extended Plain End Adapters create a seal and restraining connection when joining steel and polyethylene pipe. With minimal training make quick, consistent, and quality joints. No need for any special tools. You only need a common flat jaw wrench. Connections from 1/2" CTS through 1 1/4" CTS.



Part #	Tube Size	Wall Thickness	IPS Size (Plain End Outlet)
M575C2S062 +	1/2" CTS	.062"	3/4"
M575C2S090 +	1/2" CTS	.090"	3/4"
M575C3S062 +	1/2" CTS	.062"	1"
M575C3S090 +	1/2" CTS	.090"	1"
M575C12S090	1/2" IPS	.090"	3/4"
M575C13S090	1/2" IPS	.090"	1"
M575C23S090 +	3/4" CTS	.090"	1"
M575C32S095 +	3/4" IPS	.095"	3/4"
M575C33S095 +	3/4" IPS	.095"	1"
M575C42S090	1" CTS	.090"	3/4"
M575C42S100 +	1" CTS	.100"	3/4"
M575C43S090	1" CTS	.090"	1"

Part #	Tube Size	Wall Thickness	IPS Size (Plain End Outlet)
M575C43S100 +	1" CTS	.100"	1"
M575C44S090	1" CTS	.090"	1 1/4"
M575C44S100 +	1" CTS	.100"	1 1/4"
M575C45S090	1" CTS	.090"	1 1/2"
M575C45S100 +	1" CTS	.100"	1 1/2"
M575C64S090	1 1/4" CTS	.090"	1 1/4"
M575C64S121 +	1 1/4" CTS	.121"	1 1/4"
M575C65S090	1 1/4" CTS	.090"	1 1/2"
M575C65S121 +	1 1/4" CTS	.121"	1 1/2"
M575C66S090	1 1/4" CTS	.090"	2"
M575C66S121 +	1 1/4" CTS	.121"	2"

† CSA Listed

# 697 Series

## Female Adapters with Integral Stiffener

697 Series Female Adapters create a seal and restraining connection when joining steel and polyethylene pipe. With minimal training make quick, consistent, and quality joints. No need for any special tools. You only need a common flat jaw wrench. Connections from 1/2" CTS through 1 1/4" IPS.



Part #	Tube Size	Wall Thickness	Outlet Size
M697C1S062 †	1/2" CTS	.062"	1/2" FPT
M697C1S090 †	1/2" CTS	.090"	1/2" FPT
M697C2S062 †	1/2" CTS	.062"	3/4" FPT
M697C2S090 †	1/2" CTS	.090"	3/4" FPT
M697C3S062 †	1/2" CTS	.062"	1" FPT
M697C3S090 †	1/2" CTS	.090"	1" FPT
M697D32S095 †	3/4" IPS	.095"	3/4" FPT
M697C42S090	1" CTS	.090"	3/4" FPT
M697C42S100 †	1" CTS	.100"	3/4" FPT

Part #	Tube Size	Wall Thickness	Outlet Size
M697C43S090	1" CTS	.090"	1" FPT
M697C43S100 †	1" CTS	.100"	1" FPT
M697D74S151 †	1 1/4" IPS	.151"	1 1/4" FPT
M697D74S166	1 1/4" IPS	.166"	1 1/4" FPT
M697D76S151 †	1 1/4" IPS	.151"	2" FPT
M697D76S166	1 1/4" IPS	.166"	2" FPT

† CSA Listed

# 755 Series

## Line Caps for Steel Abandonment

755 Series compression line caps create a seal and restraining connection for steel abandonment.

Part #	Tube Size/Pipe Size
M755C10	1/2" CTS
M755D13	1/2" IPS
M755C14	3/4" CTS
M755D17	3/4" IPS
M755C18	1" CTS
M755D21	1" IPS
M755C22	1 1/4" CTS
M755D27	1 1/4" IPS
M755D31	1 1/2" IPS
M755D38	2" IPS





# 750 Series

## Steel Service to Plastic Service with Integral Stiffener

750 Couplings create a seal and restraining connection when joining any combination of steel and polyethylene pipe. With minimal training make quick, consistent, and quality joints. No need for any special tools. You only need a common flat jaw wrench. Connections from 5/8" OD through 2" IPS.



Part #	Steel Size	Tube Size	Wall Thickness
M750DC23S062	5/8" OD	1/2" CTS	.062"
M750DC23S090	5/8" OD	1/2" CTS	.090"
M750DC33S062 †	1/2" IPS	1/2" CTS	.062"
M750DC33S090 †	1/2" IPS	1/2" CTS	.090"
M750DC53S062 †	3/4" IPS	1/2" CTS	.062"
M750DC53S090 †	3/4" IPS	1/2" CTS	.090"
M750DC55S077	3/4" IPS	3/4" CTS	.077"
M750DC55S090 †	3/4" IPS	3/4" CTS	.090"
M750DC56S095	3/4" IPS	3/4" IPS	.095"
M750DC57S090	3/4" IPS	1" CTS	.090"
M750DC57S100 †	3/4" IPS	1" CTS	.100"
M750DC73S062 †	1" IPS	1/2" CTS	.062"
M750DC73S090 †	1" IPS	1/2" CTS	.090"
M750DC74S090	1" IPS	1/2" IPS	.090"
M750DC75S077	1" IPS	3/4" CTS	.077"
M750DC75S090 †	1" IPS	3/4" CTS	.090"
M750DC76S095 †	1" IPS	3/4" IPS	.095"
M750DC77S090	1" IPS	1" CTS	.090"
M750DC77S100 †	1" IPS	1" CTS	.100"
M750DC78S119 †	1" IPS	1" IPS	.119"
M750DC93S062 †	1 1/4" IPS	1/2" CTS	.062"
M750DC93S090 †	1 1/4" IPS	1/2" CTS	.090"
M750DC94S090	1 1/4" IPS	1/2" IPS	.090"
M750DC95S077	1 1/4" IPS	3/4" CTS	.077"
M750DC95S090 †	1 1/4" IPS	3/4" CTS	.090"

Part #	Steel Size	Tube Size	Wall Thickness
M750DC96S095 †	1 1/4" IPS	3/4" IPS	0.095"
M750DC97S090	1 1/4" IPS	1" CTS	0.090"
M750DC97S100 †	1 1/4" IPS	1" CTS	0.100"
M750DC98S090	1 1/4" IPS	1 1/4" CTS	0.090"
M750DC98S121 †	1 1/4" IPS	1 1/4" CTS	0.121"
M750DC99S151 †	1 1/4" IPS	1 1/4" IPS	0.151"
M750DC99S166	1 1/4" IPS	1 1/4" IPS	0.166"
M750DC105S077	1 1/2" IPS	3/4" CTS	0.077"
M750DC106S095 †	1 1/2" IPS	3/4" IPS	0.095"
M750DC107S090	1 1/2" IPS	1" CTS	0.090"
M750DC107S100 †	1 1/2" IPS	1" CTS	0.100"
M750DC108S090	1 1/2" IPS	1 1/4" CTS	0.090"
M750DC108S121 †	1 1/2" IPS	1 1/4" CTS	0.121"
M750DC109S151 †	1 1/2" IPS	1 1/4" IPS	0.151"
M750DC109S166	1 1/2" IPS	1 1/4" IPS	0.166"
M750DC110S173 †	1 1/2" IPS	1 1/2" IPS	0.173"
M750DC116S095 †	2" IPS	3/4" IPS	0.095"
M750DC117S090	2" IPS	1" CTS	0.090"
M750DC117S100 †	2" IPS	1" CTS	0.100"
M750DC118S090	2" IPS	1 1/4" CTS	0.090"
M750DC118S121 †	2" IPS	1 1/4" CTS	0.121"
M750DC119S151 †	2" IPS	1 1/4" IPS	0.151"
M750DC119S166	2" IPS	1 1/4" IPS	0.166"
M750DC120S173 †	2" IPS	1 1/2" IPS	0.173"
M750DC121S216 †	2" IPS	2" IPS	0.216"

† CSA Listed

# 750PP Series

## Plastic Service to Plastic Service with Integral Stiffener

750PP Couplings create a seal and restraining connection when joining polyethylene pipe to polyethylene pipe. With minimal training make quick, consistent, and quality joints. No need for any special tools. You only need a common wrench. Connections from 1/2" CTS through 2" IPS.



Part #	Tube Size	Wall Thickness	Tube Size	Wall Thickness
M750C10 †	1/2" CTS	.090"	1/2" CTS	.090"
M750C13	1/2" IPS	.090"	1/2" IPS	.090"
M750C14 †	3/4" CTS	.090"	3/4" CTS	.090"
M750C17 †	3/4" IPS	.095"	3/4" IPS	.095"
M750C18	1" CTS	.090"	1" CTS	.090"
M750C18-100 †	1" CTS	.100"	1" CTS	.100"
M750C21 †	1" IPS	.119"	1" IPS	.119"

† CSA Listed

Part #	Tube Size	Wall Thickness	Tube Size	Wall Thickness
M750C22	1 1/4" CTS	.090"	1 1/4" CTS	.090"
M750C27 †	1 1/4" IPS	.151"	1 1/4" IPS	.151"
M750C27-166	1 1/4" IPS	.166"	1 1/4" IPS	.166"
M750C27S151-S166	1 1/4" IPS SDR 11	.151"	1 1/4" IPS SDR 10	.166"
M750C31 †	1 1/2" IPS	.173"	1 1/2" IPS	.173"
M750C38 †	2" IPS	.216"	2" IPS	.216"

# 750SS Series

## Steel Service to Steel Service (Conductive)

750SS Couplings create a seal and restraining connection when joining steel pipe to steel pipe. With minimal training make quick, consistent and quality joints. No need for any special tools. You only need a common flat jaw wrench. Connections from 1/2" OD through 2" IPS.



Part #	Steel Size	Steel Size
M750D8-8	1/2" OD	1/2" OD
M750D10-8	5/8" OD	1/2" OD
M750D10-10	5/8" OD	5/8" OD
M750D13-10	1/2" IPS	5/8" OD
M750D13-13	1/2" IPS	1/2" IPS
M750D17-13	3/4" IPS	1/2" IPS
M750D17-17	3/4" IPS	3/4" IPS
M750D21-13	1" IPS	1/2" IPS
M750D21-17	1" IPS	3/4" IPS
M750D21-21	1" IPS	1" IPS
M750D27-13	1 1/4" IPS	1/2" IPS
M750D27-17	1 1/4" IPS	3/4" IPS
M750D27-21	1 1/4" IPS	1" IPS

Part #	Steel Size	Steel Size
M750D27-27	1 1/4" IPS	1 1/4" IPS
M750D31-13	1 1/2" IPS	1/2" IPS
M750D31-17	1 1/2" IPS	3/4" IPS
M750D31-21	1 1/2" IPS	1" IPS
M750D31-27	1 1/2" IPS	1 1/4" IPS
M750D31-31	1 1/2" IPS	1 1/2" IPS
M750D38-13	2" IPS	1/2" IPS
M750D38-17	2" IPS	3/4" IPS
M750D38-21	2" IPS	1" IPS
M750D38-27	2" IPS	1 1/4" IPS
M750D38-31	2" IPS	1 1/2" IPS
M750D38-38	2" IPS	2" IPS

# 569 Series

## Male Adapters For Copper Service (Insulated)

569 Series Insulated Male Adapters for Copper service create a seal and restraining connection when joining copper and steel pipe. With minimal training make quick, consistent, and quality joints. No need for any special tools. You only need a common flat jaw wrench. Connections from 3/8" OD through 1 3/8" OD.



Part #	Copper Tube Size O.D.	MPT (Outlet)
M569C6-6	3/8"	3/8"
M569C6-8	3/8"	1/2"
M569C6-12	3/8"	3/4"
M569C8-6	1/2"	3/8"
M569C8-8	1/2"	1/2"
M569C8-12	1/2"	3/4"
M569C10-8	5/8"	1/2"
M569C10-12	5/8"	3/4"
M569C10-16	5/8"	1"

Part #	Copper Tube Size O.D.	MPT (Outlet)
M569C14-12	7/8"	3/4"
M569C14-16	7/8"	1"
M569C18-12	1 1/8"	3/4"
M569C18-16	1 1/8"	1"
M569C18-20	1 1/8"	1 1/4"
M569C22-16	1 3/8"	1"
M569C22-20	1 3/8"	1 1/4"
M569C22-27	1 3/8"	2"

# 769 Series

## Copper Service (Insulated) To Copper Service (Insulated)

769 Series Insulated Couplings for Copper service create a seal and restraining connection when joining copper tube to copper tube. With minimal training make quick, consistent, and quality joints. No need for any special tools. You only need a common flat jaw wrench. Connections from 3/8" OD through 1 1/8" OD.



Part #	Copper Tube Size O.D.	Copper Tube Size O.D.
M769C6-6	3/8"	3/8"
M769C8-6	1/2"	3/8"
M769C8-8	1/2"	1/2"
M769C10-6	5/8"	3/8"
M769C10-8	5/8"	1/2"
M769C10-10	5/8"	5/8"

Part #	Copper Tube Size O.D.	Copper Tube Size O.D.
M769C14-10	7/8"	5/8"
M769C14-14	7/8"	7/8"
M769C18-10	1 1/8"	5/8"
M769C18-14	1 1/8"	7/8"
M769C18-18	1 1/8"	1 1/8"

# 789 Series

## Copper Service (Insulated) to Plastic Service with Integral Stiffener

789 Series Insulated Couplings for Copper service create a seal and restraining connection when joining copper tube to polyethylene pipe. With minimal training make quick, consistent, and quality joints. No need for any special tools. You only need a common flat jaw wrench. Connections from 3/8" OD through 1 1/4" IPS.



Part #	Copper Tube Size O.D.	PE Tube Size	Wall Thickness
M789C3S062	3/8"	1/2" CTS	.062"
M789C3S090	3/8"	1/2" CTS	.090"
M789C13S062	1/2"	1/2" CTS	.062"
M789C13S090	1/2"	1/2" CTS	.090"
M789C23S062	5/8"	1/2" CTS	.062"
M789C23S090	5/8"	1/2" CTS	.090"
M789C43S062	7/8"	1/2" CTS	.062"
M789C43S090	7/8"	1/2" CTS	.090"

Part #	Copper Tube Size O.D.	PE Tube Size	Wall Thickness
M789C45S090	7/8"	3/4" CTS	.090"
M789C67S090	1 1/8"	1" CTS	.090"
M789C67S100	1 1/8"	1" CTS	.100"
M789C69S090	1 1/8"	1 1/4" CTS	.090"
M789C69S121	1 1/8"	1 1/4" CTS	.121"
M789C70S166	1 1/8"	1 1/4" IPS	.166"
M789C89S090	1 3/8"	1 1/4" CTS	.090"
M789C90S166	1 3/8"	1 1/4" IPS	.166"



# 785 Series

785 Bronze Couplings create a seal and restraining connection when joining any combination of polyethylene pipe to polyethylene pipe, copper tube to polyethylene pipe, and copper tube to copper tube. With minimal training make quick, consistent and quality joints. No need for any special tools. You only need a common wrench. Connections from 3/8" OD through 1 1/8" OD.

## Plastic Service to Plastic Service with Integral Stiffener

Part #	Tube Size (PE)	Wall Thickness	Tube Size (PE)	Wall Thickness
M785C21S9/6	5/8" CTS	.090"	3/8" CTS	.062"
M785C23S062	5/8" CTS	.062"	1/2" CTS	.062"
M785C23S090	5/8" CTS	.090"	1/2" CTS	.090"
M785C45S080	7/8" CTS	.080"	3/4" CTS	.080"
M785C45S090	7/8" CTS	.090"	3/4" CTS	.090"
M785C67S090	1 1/8" CTS	.090"	1" CTS	.090"
M785C67S100	1 1/8" CTS	.100"	1" CTS	.100"



## Copper Service to Plastic Service with Integral Stiffener

Part #	Copper Tube Size O.D.	Tube Size (PE)	Wall Thickness
M785DC3S062	3/8"	1/2" CTS	.062"
M785DC3S090	3/8"	1/2" CTS	.090"
M785DC13S062	1/2"	1/2" CTS	.062"
M785DC13S090	1/2"	1/2" CTS	.090"
M785DC21S062	5/8"	1/2" CTS	.062"
M785DC21S090	5/8"	1/2" CTS	.090"
M785DC23S062	5/8"	1/2" CTS	.062"
M785DC23S090	5/8"	1/2" CTS	.090"
M785DC45S090	7/8"	3/4" CTS	.090"
M785DC67S090	1 1/8"	1" CTS	.090"
M785DC67S100	1 1/8"	1" CTS	.100"

## Copper Service to Copper Service

Part #	Copper Tube Size O.D.	Copper Tube Size O.D.
M785D1	3/8"	3/8"
M785D12	1/2"	1/2"
M785D21	5/8"	3/8"
M785D22	5/8"	1/2"
M785D23	5/8"	5/8"
M785D45	7/8"	7/8"
M785D67	1 1/8"	1 1/8"

# LT Series

## Meter Adapters

LT series Meter Adapters are used to efficiently convert from one meter size to another. Each adapter comes with a flat gasket seal on the female end. Each adapter is zinc plated for corrosion protection and E-Coated grey.

Part #	Male	Female
LT-1A-10-HEX	1A	10LT
LT-1A-20-HEX	1A	20LT
LT-1A-30-HEX	1A	30LT
LT-10-1A-HEX	10LT	1A
LT-10-20-HEX	10LT	20LT
LT-10-30-HEX	10LT	30LT
LT-20-1A-HEX	20LT	1A
LT-20-10-HEX	20LT	10LT
LT-20-30-HEX	20LT	30LT
LT-30-1A-HEX	30LT	1A
LT-30-10-HEX	30LT	10LT
LT-30-20-HEX	30LT	20LT



Note: Any of the LT Meter Adapters black oxide coating with oil, remove HEX and substitute to BLKW

# LT Washers

## Buna-N Washers for Meter Adapters

Part #	O.D.	I.D.	Thickness
LTW-1/2-5LT	.969"	.719"	.094"
LTW-10LT	1.313"	0.969"	0.093"
LTW-20LT	1.625"	1.25"	0.093"
LTW-20LT-T	1.656"	1.281"	.125"
LTW-30LT	1.875"	1.469"	.094"
LTW-30LT-T	1.875"	1.469"	.125"
LTW-45LT	2.094"	1.672"	0.109"



# X2313 Series

## Tube Stiffeners for Copper Service

For added Extra Pull-Out Resistance

Part #	Copper Tube Size O.D.
X2313-0ZDC	3/8"
X2313-1ZDC	1/2"
X2313-2ZDC	5/8"
X2313-3ZDC	7/8"
X2313-4ZDC	1 1/8"
X2313-5ZDC	1 3/8"



# ACPP Series

## Acetyl Copolymer Pipe Plug

Part #	MPT Size	Square Head Size
ACPP-13	1/2" IPS	.563"
ACPP-17	3/4" IPS	.625"
ACPP-21	1" IPS	.812"
ACPP-27	1 1/4" IPS	.937"
ACPP-31	1 1/2" IPS	1.100"
ACPP-38	2" IPS	1.312"



# AC Series

## Steel Abandonment Caps

Part #	Tube/Pipe Size
AC-10	1/2" CTS
AC-13	1/2" IPS
AC-14	3/4" CTS
AC-17	3/4" IPS
AC-18	1" CTS
AC-21	1" IPS
AC-22	1 1/4" CTS
AC-27	1 1/4" IPS
AC-31	1 1/2" IPS
AC-38	2" IPS





# X Series

## Flexible Conduit Adapters with Integral Stiffener

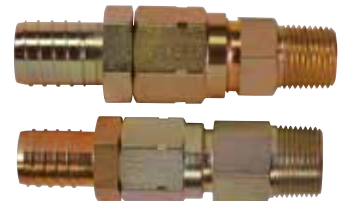
Part #	Outlet	Tube Size	Wall Thickness	SDR	Conduit
X2536B	1/2" MPT	1/2" CTS	0.090"	7	3/4"
X2706	3/4" MPT	1/2" CTS	0.090"	7	3/4"
X2500-17-12	3/4" MPT	3/4" IPS	0.095"	11	1 1/4"
X2500-17-10SN	5/8" Female Swivel 45° Flare	3/4" IPS	0.095"	11	1 1/4"



# X Swivels

## Flexible Conduit Adapters with Swivel and Integral Stiffener

Part #	Outlet	Tube Size	Wall Thickness	SDR	Conduit
X2537SW	1/2" MPT	1/2" CTS	.090"	7	3/4"
X2538SWN	1/2" Female Swivel 45° Flare	1/2" CTS	.090"	7	3/4"
X2707SW	3/4" MPT	1/2" CTS	.090"	7	3/4"
X2808SW	1/2" Female Swivel 45° Flare	1/2" CTS	.090"	7	3/4"



# MSS Series

## Moisture Seals for Field Assembled Risers

Part #	Tube Size	Conduit
MSS17-10-INV	1/2" CTS	3/4"
MSS27-17	3/4" IPS	1 1/4"



# 697 Series - COPO Fittings

## COPO Brass Adapter - FPT to Plastic with Steel Integral Stiffener

Part #	FPT Outlet	Tube Size	Wall Thickness	SDR
M697C375S090BR	3/8"	1/2" CTS	.090"	7
M697C1S090BR	1/2"	1/2" CTS	.090"	7



# 545 Series - COPO Fittings

## COPO Brass Adapter - 45° Flare to Plastic with Steel Integral Stiffener

Part #	Outlet	Tube Size	Wall Thickness	SDR
M545C1S090	3/8" 45° Male Flare Outlet	1/2" CTS	.090"	7
M545C2S090	1/2" 45° Male Flare Outlet	1/2" CTS	.090"	7



# CERTIFICATIONS

## SEALASTIC™ NATURAL GAS/PROPANE FITTINGS

### SECTION 1 - Integral Stiffener Design

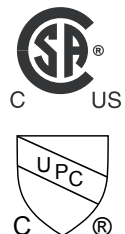
Chicago Fittings Corporation Certifies that all Sealastic™ Gas Fittings manufactured with integral stiffeners, when installed per Chicago Fittings installation instructions, will meet all applicable requirements defined under 49CFR Part 192, D.O.T. 192.281, 192.283(b), 192.375, ASTM D2513 Category 1, ASTM F1973, ASTM F1948-12 Category 1, NFPA 58, NFPA 54 (ANSI Z223.1) and IFGC Section 403. IAPMO/UPC/IPC Listed.

### SECTION 2 - Loose Stiffener Design

Chicago Fittings Corporation Certifies that all Sealastic™ Gas Fittings manufactured with loose stiffeners, when installed per Chicago Fittings installation instructions, will meet all applicable requirements defined under 49CFR Part 192, D.O.T. 192.281, 192.283(b), 192.375, ASTM D2513 Category 1, ASTM F1973, ASTM F1948-12 Category 1, ASTM F2509, NFPA 58, NFPA 54 (ANSI Z223.1) and IFGC Section 403. IAPMO/UPC/IPC/CSA 137.4 Listed. The loose stiffeners must be manufactured or approved by Chicago Fittings to adhere to these requirements. Should a stiffener not be manufactured or approved by Chicago Fittings, it will be the responsibility of the operating utility or end user to validate that they adhere to the above defined standards.

### SECTION 3 – Material Definitions

<b>3.1 Bodies</b>	3.1.1	Tubing AISI C1013
	3.1.2	Bar AISI C12L14, C1213, C1215
	3.1.3	Bar CDA836 85-5-5-5 Bronze
	3.1.4	Bar CDA360 Free Machining Brass
<b>3.2 Nuts</b>	3.2.1	Tubing AISI C1013
	3.2.2	Bar AISI C12L14, C1213, C1215
	3.2.3	Bar CDA836 85-5-5-5 Bronze
	3.2.4	Bar CDA360 Free Machining Brass
<b>3.3 Seals</b>	3.3.1	Seals shall be manufactured from a Buna-N compound material that will resist deterioration from age or air under normal storage conditions. The seal will resist deterioration from impurities normally found in natural gas or LP gas including odorants, liquid hydrocarbons, carbon dioxide and water. The compound shall meet the following specifications:
		Color: Black/Red
		Elongation: 150%
		Durometer: 75 +/-5 Tensile Strength: 1,500 psi min.
<b>3.4 Ferrules</b>	3.4.1	Cold Rolled Strip C1050
<b>3.5 Insulators</b>	3.5.1	Zytel 105
<b>3.6 Conduit</b>	3.6.1	Core Material: Hot Dipped Galvanized Steel
	3.6.2	Jacket Wall: Liquid Tight, Sunlight Resistant
	3.6.3	Crush Resistance: 1,200psi min. in accordance with UL 360
<b>3.7 Casing</b>	3.6.1	Pipe/Tubing ASTM A53, ASTM A513
<b>3.8 Moisture Seals</b>	3.7.1	Hot Dipped Vinyl





# WITHOUT **YOU** THERE IS NO **US.**

Established in 1930, Chicago Fittings Corporation is an industry leader manufacturing specialty joining methods for a number of markets including natural gas, propane, and industrial hydraulics. Our most successful product would be the X-Riser®, which removes a minimum of two below grade joints per riser when compared to that of a standard pigtail style anodeless riser.

Chicago Fittings has been and continues to be recognized more prevalently for the ability to provide “Engineered Solutions”. While certified to ISO 9001:2015, we are committed to a quality management system through the framework of continuous improvement. From prototyping and testing to validation and production, Chicago Fittings will be there to assist you through every facet of your project!



## **MORE THAN A BRAND. WE'RE A FAMILY.**