



**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

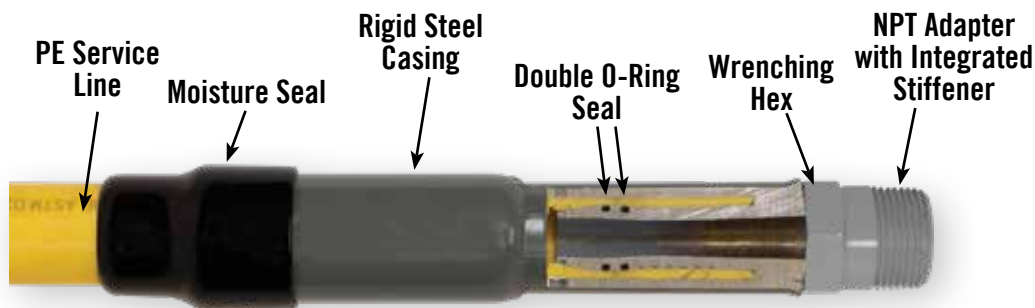


For more information,  
please scan this QR code.

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>10</b>		<b>B*</b>	-	<b>12</b>	-	<b>24</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

