



ANODELESS METER RISERS

LYCO®

R. W. Lyall & Company, Inc.

CUSTOMER BENEFITS

- The **LYCO® Anodeless Meter Riser** provides a positive transition joint between polyethylene pipe and the gas carrying steel pipe of the meter assembly set, and requires no cathodic protection below ground.

PERFORMANCE

Proven reliability with over 15 million LYCO® Meter Risers installed since 1973.

COST EFFECTIVE

LYCO® Anodeless Meter Risers provide market leading savings with a high level of quality and volume production. The simple design concepts used in the gas-tight PE to Steel transition provides lower component costs with virtually no field repair or replacement time required by the field crews.

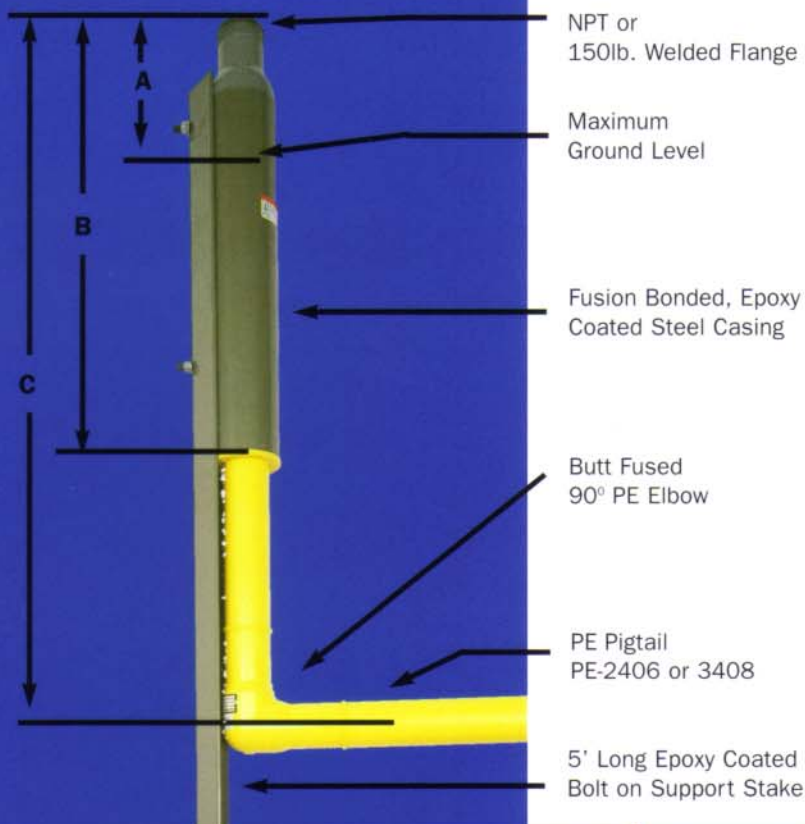
SAFETY / DEPENDABILITY

The design and production methods used in compressing the gas-tight transition fitting provides a PE to steel joint that is many times stronger than the PE pipe itself. In addition, each **LYCO®** Meter Riser is 100% pressure tested prior to shipment.

ADVANCED FEATURES

- **LYCO® Anodeless Meter Risers** meet all DOT 192.281, 192.283, 192.375 and ASTM D-2513 CAT-1 specifications.
- R. W. Lyall & Company pioneered the industry's first anodeless meter riser utilizing a ground level transition between polyethylene pipe and the steel pipe of the riser outlet, eliminating the need for cathodic protection for gas-carrying steel pipe installed below ground.
- The **LYCO®** transition fitting provides a leak-proof seal between the smooth ID surface of the polyethylene pipe and grooved steel spigot.
- An electrostatically applied epoxy coating on the riser casing provides long-term underground corrosion protection of the metal casing. A water tight, below ground seal prevents ground moisture from entering the riser.





2" - 8" IPS SIZES

For larger installations, R. W. Lyall & Company manufactures a full line of **LYCO® Anodeless Meter Risers**. Designed with the same **LYCO® Transition Fitting** and manufacturing quality of their smaller counterparts.

Outlet x Inlet	A	B	C
2" IPS x 2" IPS	12"	23"	32"
3" IPS x 3" IPS	12"	23"	32"
4" IPS x 4" IPS	12"	23"	32"
6" IPS x 6" IPS*	13"	28"	40"
8" IPS x 8" IPS*	13"	28"	40"

* Available in SDR 11 or SDR 13.5

CUSTOM

OPTIONS

LYCO®

Choose from over 1000 different customer specified product configurations. Complete pre-assembled, pre-packaged meter riser kits* are also available for cost saving main to meter installations.

- Custom Dimensions
- **LYCO®** Meter Valves
- Mechanical Couplings
- Tracer Wire Clips
- By-Passes
- Flanges
- Protector Sleeves
- Brackets/Stakes
- PE 2406 or 3408



RISER HEAD PROTECTIVE COATINGS

For added protection, **LYCO® Anodeless Meter Risers** are coated with a durable, Urethane based, corrosion resistant primer. This application consists of 2-3 MILS thickness and begins at the last 3 threads of the riser and overlaps the epoxy coating by approximately 1/8 inch.

Lycopro-Finish is an Aluminum anodic flame spray & Urethane over coating. This space-age coating withstands the most abrasive and corrosive environments, such as salt spray (fog). Available as an option, this treatment can be applied to your meter risers as added protection against severe environmental conditions.

* **LYCOFAST™** - Pre-assembled, pre-packaged Main to Meter installation Kits. (patent pending)

METER

LYCO®

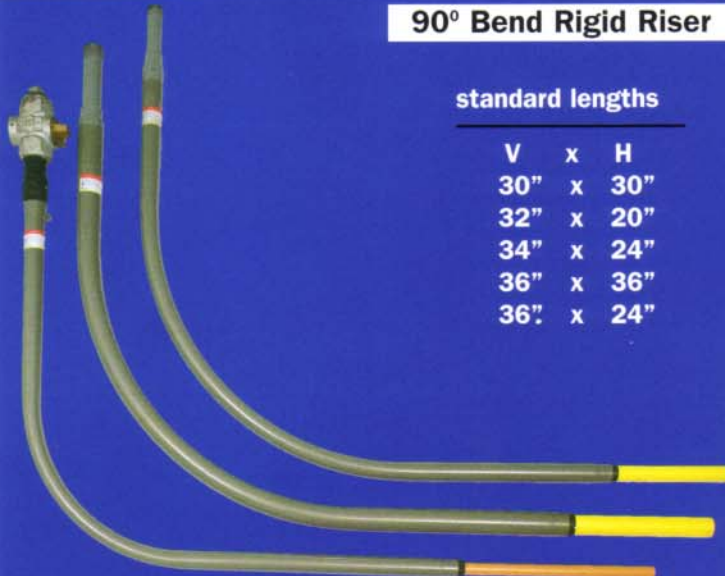
RISERS

THE COMMITMENT

R. W. Lyall & Company, Inc. is committed to providing the most reliable, economical, and highest quality piping distribution products. This commitment has extended over two decades, with a proven track record of meeting customer needs and setting new standards within the Natural Gas and LPG industries.

The LYCO® Anodeless Meter Riser is the first product designed and manufactured by R. W. Lyall & Company. Since that time more than 12 other product lines have been developed and sold worldwide using the same high quality standards and customer satisfaction programs that has allowed R. W. Lyall & Co. to remain a leader in the natural gas industry.

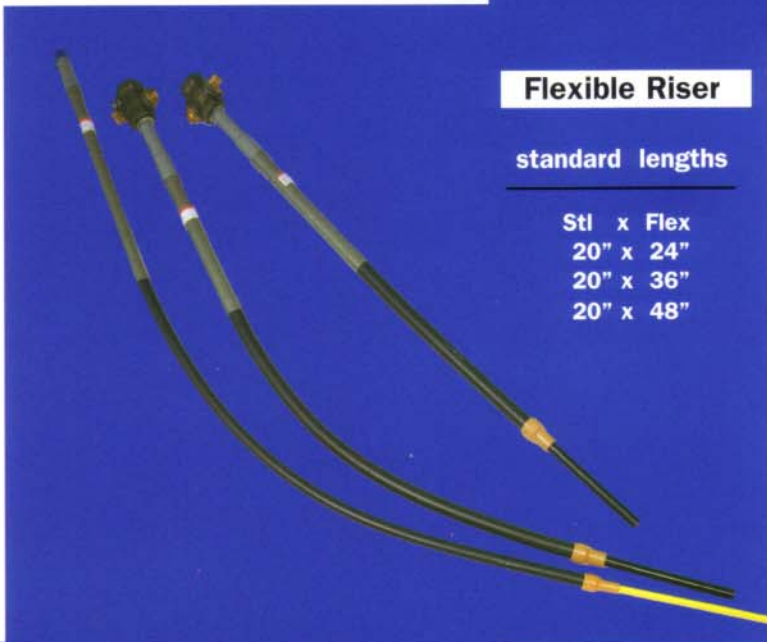
90° Bend Rigid Riser



standard lengths

V	x	H
30"	x	30"
32"	x	20"
34"	x	24"
36"	x	36"
36"	x	24"

Flexible Riser



standard lengths

Stl	x	Flex
20"	x	24"
20"	x	36"
20"	x	48"

STANDARD SIZES

Thread Size	PE Pigtail Size
3/4" NPT	1/2" CTS
3/4" NPT	1/2" IPS
3/4" NPT	3/4" IPS
1" NPT	3/4" IPS
1" NPT	1" IPS
1-1/4" NPT	1-1/4" IPS
1-1/2" NPT	1-1/2" IPS

Straight Rigid Riser



standard lengths

60" or 72"

Please contact your R. W. Lyall & Company Sales Representative for additional sizes and lengths to meet your requirements.

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-58-1992.
- 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 A53 or ASTM A513.
- All PE Pipe and Tubing components conform to ASTM D2513.
- All Flanges meet ASME/ANSI B16.5 or MSS SP-44 standards.
- Cathodic disbonding of electrostatic applied epoxy coating evaluated in accordance with ASTM G8-90.
- Effect of salt spray (fog) on electrostatic applied epoxy coating evaluated in accordance with ASTM B117-85.

A complete set of specifications and test results for this product are available upon request. Please contact your R. W. Lyall & Company Sales Representative for additional information.

PRODUCT:

LYCO®
Anodeless Meter Risers

**National Pipe Thread
Meets ANSI B1.20.1**

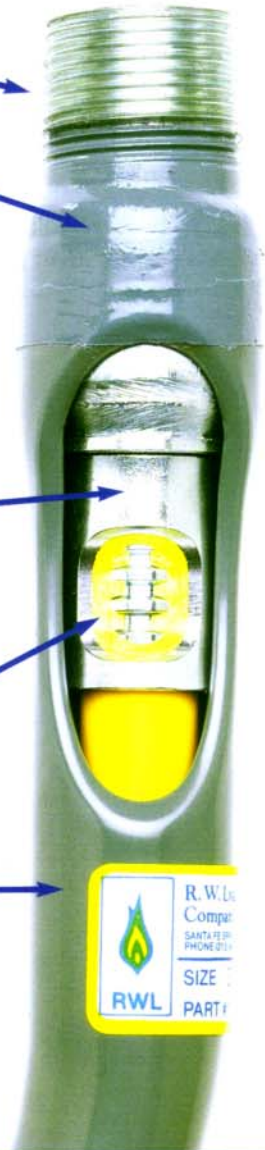
Primer Sealer
Urethane primer is a moisture resistant sealant.

Option: - LycoPro-Finish, a flame applied Aluminum spray and Urethane top coating, provides added protection against extremely corrosive above ground environments.

Steel Gas Carrier
Available in SCH 40 or SCH 80 ASTM-A53 grade pipe.

Above ground transition fitting transfers gas from polyethylene pipe to steel nipple (100% pressure tested).

Epoxy Coated Steel Casing
Electrostatic bonded coating process provides long-term underground corrosion protection.



Registered U. S. Patent

Other exclusive products manufactured by R. W. Lyall & Company, Inc.

LYCO® Meter Set Assemblies
LYCOFIT® Polyethylene Couplings
LYCOSEVER Bypass Valves
LYCO® Excess Flow Valves

LYCO® Meter Manifolds
LYCOFAST® PE Service Assemblies



R. W. Lyall & Company, Inc.

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