



**Natural Gas / LPG / Water**

## **Plumbing & LPG Distribution Products**



**CUSTOMER SERVICE: (800)-535-9255**

**RWlyall.com**  

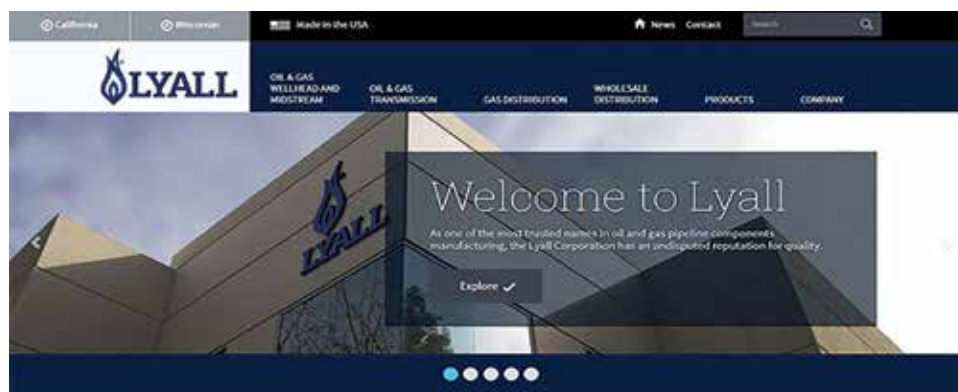
The products shown in this catalog represent the most commonly used sizes and configurations. Please contact your local Lyall representative or a Lyall Customer Service representative for additional sizes, customized configurations and available options.



R.W. Lyall & Company (Lyall) was founded in 1970 by Robert W. Lyall. Mr. Lyall built his company with the intent of manufacturing the best pipeline components available to the natural gas industry. Today, his children and the entire Lyall team maintain this legacy of quality with continually expanding operations that now include 200,000 square feet of manufacturing space in two facilities located in Corona, California and New Berlin, Wisconsin. More than 250 employees produce and distribute 22 Lyall product lines across North America. Over the years, we have expanded to the plumbing and LPG wholesale distribution markets providing these same high quality solutions to the backyard/private property arena.

Our valued nationwide distribution network makes quality Lyall products available in more areas than ever and the growth continues. Why? Ease of installation, competitive pricing and a history of safe, reliable products are the reasons that Lyall products are becoming the first choice among plumbing, pool & patio and general contractors throughout the United States. From Risers, Transitions and PE ball valves, to the very popular and easy-to-use LYCOFIT® mechanical fittings, our product offering is wide and deep. Contact us today to learn more about how you can supply your customers with the Lyall products they're looking for.

Be sure to visit our website at [RWlyall.com](http://RWlyall.com) where you can view product images, download product brochures and installation instructions and keep up to date on what's going on at Lyall.



**Serving the North American Oil and Gas Industries for  
More Than 40 Years.**



## SERVICE RISERS

Lyall offers several styles of risers that provide a reliable method for bringing gas service above ground. The various Anodeless Riser designs offer each user a product that is engineered to meet each individual application.

### ANODELESS SERVICE RISERS

The positive transition joint between the polyethylene (PE) pipe and the gas carrying steel pipe is made **above ground** and does not require cathodic (anode) protection.

### RIGID ANODELESS RISERS

Pre-bent anodeless meter risers have a wide range of different designs and dimensions. While the most common connection is male pipe threads at the meterset connection, other styles such as flanges, beveled end for welding and bypass nipples are also available. For protection, these riser casings are coated with an electrostatically applied thin film epoxy coating. Standard configurations include various vertical and horizontal dimensions.

### FLEXIBLE ANODELESS RISERS

Flexible anodeless service risers offer many of the features of the pre-bent design with an added feature utilizing gas tubing armour flexible metal hose. The flexible tubing is attached to the steel portion of the riser with a transition that is stronger in tensile than the flex tubing itself. Flexible Risers are ideal for variable ground level depths and eliminates the need for purchasing risers with various vertical lengths.

### FLEXIBLE SERVICE HEAD ADAPTER RISERS

Flexible service head adapter risers offer many of the features that the pre-bent service head adapter riser offer, with an added feature utilizing gas tubing armour flexible hose. The flexible hose is attached to the steel portion of the riser with a transition that is stronger in tensile than the flex hose itself. Using flexible hose provides the user with a design that permits variable ground level depths and eliminates the need for purchasing risers with various vertical lengths.



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### TRANSITION (ANODE) SERVICE RISERS

The positive transition joint between the polyethylene (PE) pipe and gas carrying steel casing is made **below ground**. Field installation of an anode is recommended.

### TRANSITION (ANODE) RISERS

Lyall Transition Risers are manufactured using schedule 40 steel pipe with a transition fitting as an integral part of riser. Each riser has an external thin film epoxy coating to protect against corrosion.

### COMPRESSION (ANODE) RISERS

Lyall Compression Risers are manufactured using schedule 40 steel pipe welded to a compression fitting with a built in stiffener and gasket. Compression risers can be installed with conventional and tools eliminating the need for fusion equipment.



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## LYCOFIT® MECHANICAL FITTINGS

LYCOFIT® is a mechanical fitting for connecting underground polyethylene (PE) natural gas and LPG piping systems. With over 900 configurations, LYCOFIT® is the best choice for nearly all your fittings installation requirements.



### Engineered Performance

Superior engineering. That's the Lyall difference. LYCOFIT® fittings are stronger than the pipes they join together and are the economical solution for below ground, polyethylene (PE) gas pipe connections.

### Eliminates Pull-Out

LYCOFIT® products are designed for maximum gripping power. With a connection so strong that the risk of pull-out is eliminated 100%, ASTM Quick Burst and Tensile Testing reveal that the PE pipe will fail before the LYCOFIT® coupling does every single time!

### Instant Visual Check

LYCOFIT® fittings allow for an instant "full-visual" quality check—first "pipe on" and then "sleeve on" in each installation for a gas tight connection.



### Product Benefits:

- 100% Leak-proof, Easy to Install
- Cost-effective, Maintenance-free Joining System
- Unprecedented Performance Levels and Proven Reliability
- Excellent Durability
- Resistant to Harsh Chemicals and Cracking
- Simple Installation, No Fusion Equipment Required
- No Measuring or Calculating Required
- Absolutely No Slippage or Pull-out
- Meets or exceeds all D.O.T. and ASTM requirements
- Listed with IAPMO/UPC/CSA

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## LYCOFIT<sup>®</sup> MECHANICAL FITTINGS

**COUPLINGS**



**END CAPS**



**3-WAY TEES**



**90° ELBOWS**



**REDUCER COUPLINGS**



**TRANSITION FITTINGS**



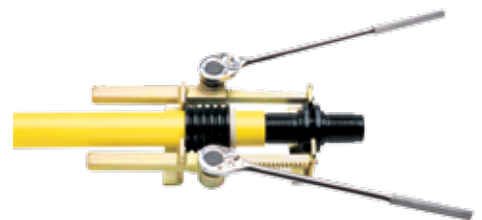
**PE TO COPPER TUBING ADAPTER (GRILL ADAPTER)**



**LYCOFIT<sup>®</sup> QUICK RATCHET PRESS (QRP) ASSEMBLY TOOLS**



QRP-100

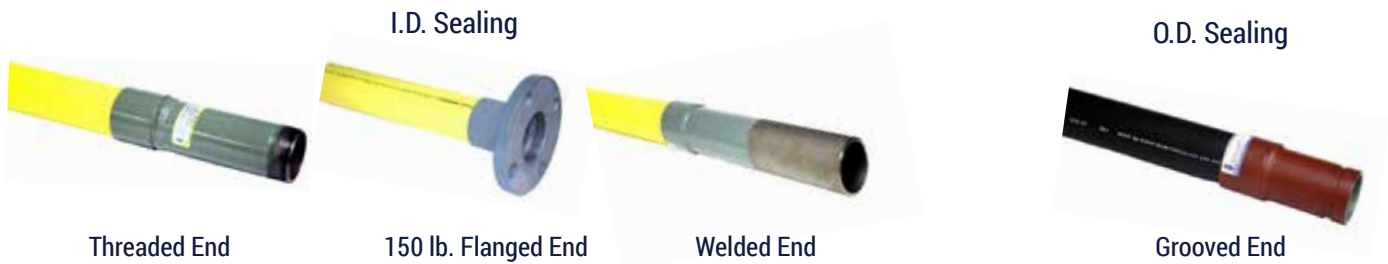


QRP-200



## TRANSITION FITTINGS - Steel to PE Pipe

Lyall Transition Fittings are one-piece, factory-assembled transitions that provide safe, economical and easy-to-install connections between gas carrying steel and polyethylene (PE) pipe. Lyall is the only manufacturer offering two distinct sealing methods (I.D. and O.D.) allowing a larger choice of configurations to meet your requirements.



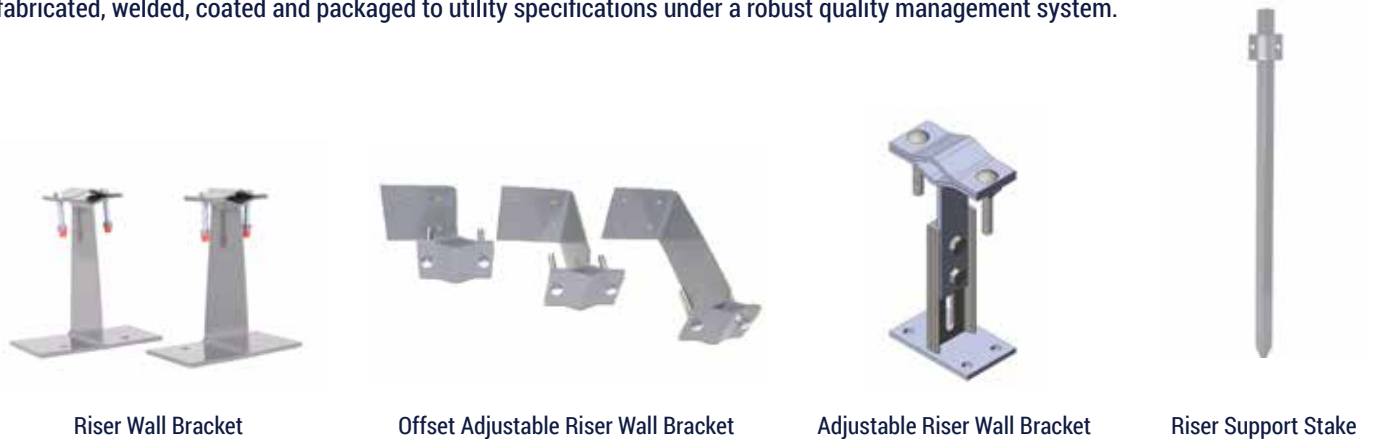
## MECHANICAL COMPRESSION FITTINGS

Lyall offers a complete line of Compression Fittings designed for fast and easy installation with no special tools or training needed. These fittings are ideal for natural gas/LPG yard and small commercial (up to 10 PSI) plumbing applications.



## BRACKETS & SUPPORT STAKES

Lyall offers a complete line of standard and custom brackets and support stakes for all riser and meter set applications. All are fabricated, welded, coated and packaged to utility specifications under a robust quality management system.



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# LYALL POLYTEC™



## POLYETHYLENE BALL VALVES

Lyall offers a full line of medium and high density PE ball valves sized from 1/2 CTS through 16 IPS for use in natural gas and water applications. Each valve is designed and tested in accordance with ASME B16.40, CFR Part 192 and also undergo rigorous testing via third party labs to ensure that the product performance exceeds your requirements.



MDPE Small Body



HDPE Small Body



MDPE Large Body



HDPE Large Body

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