



# lingSeal

Modular Mechanical Seal

lingSeal Type UL Fire Rated 3 Hour Fire Stop

SCAN HERE



# What Is LinqSeal

## What Is LinqSeal & Why Is It Used?

- Modular Mechanical Seal
- Made from synthetic rubber & industrial strength pressure plates
- offered in 21 different sizes for all pipe diameters ranging from 1/2" to 144"
- Forms hydrostric seal up to 40 psig & up to 92.28 feet of head pressure
- LinqSeal are used to seal the annular space between a inner/carrier pipe and the ID of a wall penetration
- Can be installed easily and quickly by on worker with no special tools
- Can be installed many times over the life of the installation
- Help absorb vibrations, shocks and sound waves and act a sound dampener and electrically isolate the inner/carrier pipe from the penetrated structure
- Manufactured and assembled in the U.S.A.

## LinqSeal Applications

### Industrial & Mechanical

- Wall, Floor & Ceiling Penetrations
- Hospital Mechanical
- Quiet Rooms
- Electronic Equipment Rooms
- Fire Walls
- Boiler Rooms
- Aquariums
- HVAC Systems
- Plumbing - Commercial & Residential
- Swimming Pools
- Decorative Fountains
- Septic Tanks
- Parking Garage Column Protectors
- Vibrations, Shock & Sound Dampening
- Pumps & Tanks

Ductile Iron  
Copper Tubing  
Steel Conduit  
SDR-35  
Glass Pipe  
Telecommunication Cable

PVC & CPVC  
Insulated Pipe  
Plastic Conduit  
Dual Containment  
Electrical Wire  
IPEX

**CORE DRILLED & PRE-CAST OPENINGS  
HDPE & STEEL WALL SLEEVES**



Cut-away view of Infinity wall sleeve & LinqSeal

### Industrial & Mechanical cont.

- Power Plants
- Power Generation Dams
- Ship Bulkheads
- High-Pressure Tank Guards

### Water & Wastewater

- Cased Road Crossings
- Cased Railroad Crossings
- Bridge Pipeline Crossings
- Waste Water Treatment Plants
- Public Works
- Manholes & Precast Concrete Forms

### Oil & Gas

- Offshore Platforms
- Berms & Dikes around Tank Farms
- Electrical Isolation for Corrosion Protection



**Model "C" LinqSeal Modular Seal** is suitable for most standard applications including: above ground, direct underground burial, wet conditions and where cathodic protection is desired.

Type: Standard  
Seal Element: EPDM (black)  
Pressure Plates: Composite  
Nuts & Bolts: Carbon Steel (Zinc plated)  
Temp. range: -40 °F to +250 °F



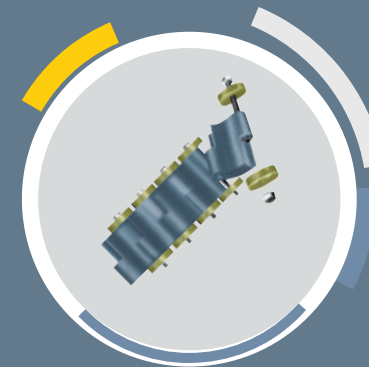
**Model "L" LinqSeal Modular Seal** is composed of a low durometer EPDM rubber suitable for conduit, insulated pipe, copper pipe or thin-walled pipe.

Type: Low Durometer  
Seal Element: EPDM (blue)  
Pressure Plates: Composite  
Nuts & Bolts: Carbon Steel (Zinc plated)  
Temp. range: -40 °F to +250 °F



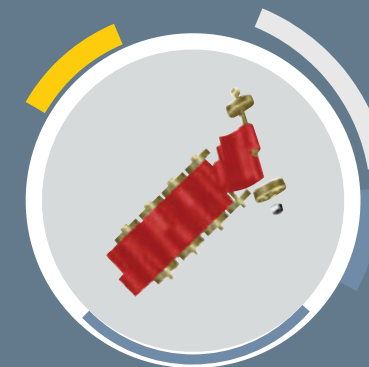
**Model "O" LinqSeal Modular Seal** is composed of Nitrile rubber which is suitable for most hydrocarbons, oils, hydraulic fluids, chemicals and solvents (gasoline, jet fuel, water, motor oil, kerosene, etc.).

Type: Oil resistant  
Seal Element: Nitrile (green)  
Pressure Plates: Composite  
Nuts & Bolts: Carbon Steel (Zinc plated)  
Temp. range: -40° to +210° F



**Model "T" LinqSeal Modular Seal** is composed of silicone able to endure extreme temperatures.

Type: Extreme Temperature  
Seal Element: Silicone (grey)  
Pressure Plates: Carbon Steel (Zinc plated)  
Nuts & Bolts: Carbon Steel (Zinc plated)  
Temp. range: -67 °F to +400 °F



**Model "UL" LinqSeal Modular Seal** is composed of proprietary rubber where fire resistance is a must. Two seals must be in place for UL approval.

Type: UL approved (3 hr. fire rating)  
Seal Element: Proprietary Silicone (red)  
Pressure Plates: Carbon Steel (Zinc plated)  
Nuts & Bolts: Carbon Steel (Zinc plated)  
Temp. range: 3hrs fire rating (1900 oF/3hrs)

**Model "S-316" LinqSeal Modular Seal** is composed a combination of stainless steel hardware, glass-filled epoxy resin and EPDM.

Type: Standard  
Seal Element: EPDM (black)  
Pressure Plates: Composite  
Nuts & Bolts : Stainless Steel  
Temp. range: -40 °F to +250 °F

**Model "L-316" LinqSeal Modular Seal** is composed of stainless steel hardware, glass- filled epoxy resin and low durometer EPDM.

Type: Low Durometer  
Seal Element: EPDM (blue)  
Pressure Plates: Composite  
Nuts & Bolts: Stainless Steel  
Temp. range: -40 °F to +250 °F

**Model "OS-316" LinqSeal Modular Seal** is composed of a combination of stainless steel hardware, glass-filled epoxy resin and nitrile.

Type: Oil/fuel resistant  
Seal Element: Nitrile (green)  
Pressure Plates: Composite  
Nuts & Bolts: Stainless Steel  
Temp. range: -40 °F to +210 °F

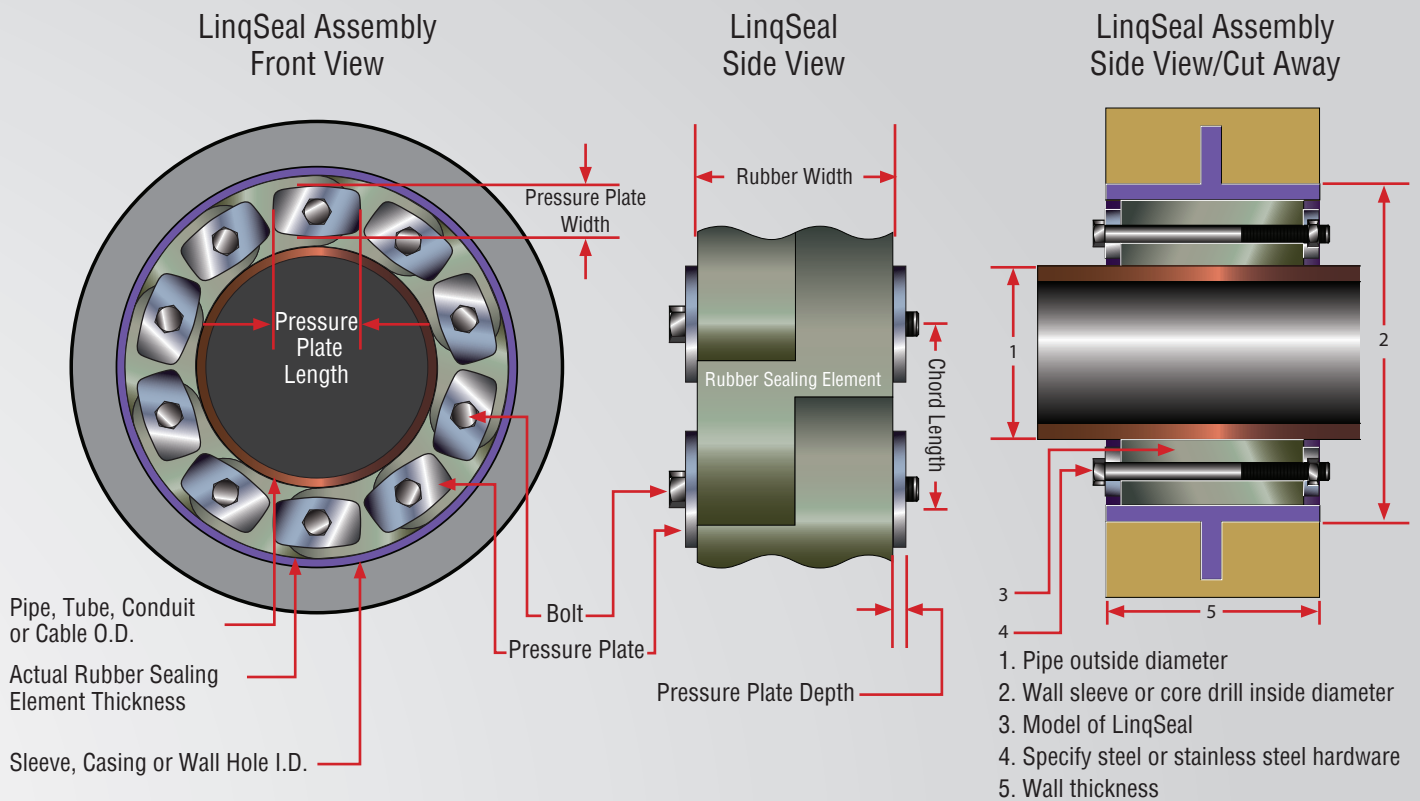
**Model "T-S316PP" LinqSeal Modular Seal** is composed of a combination of stainless steel hardware and silicone.

Type: Extreme Temperature  
Seal Element: Silicone (grey)  
Pressure Plates: Stainless Steel  
Nuts & Bolts: Stainless Steel  
Temp. range: -67 °F to +400 °F

**Model "UL-S316PP" LinqSeal Modular Seal** is composed of a combination of stainless steel hardware and silicone. Two seals must be in place for UL approval.

Type: UL approved (3 hr. fire rating)  
Seal Element: Proprietary Silicone (red)  
Pressure Plates: Stainless Steel  
Nuts & Bolts: Stainless Steel  
Temp. range: 3hrs fire rating (1900oF/3hrs)

# LinqSeal Dimensions

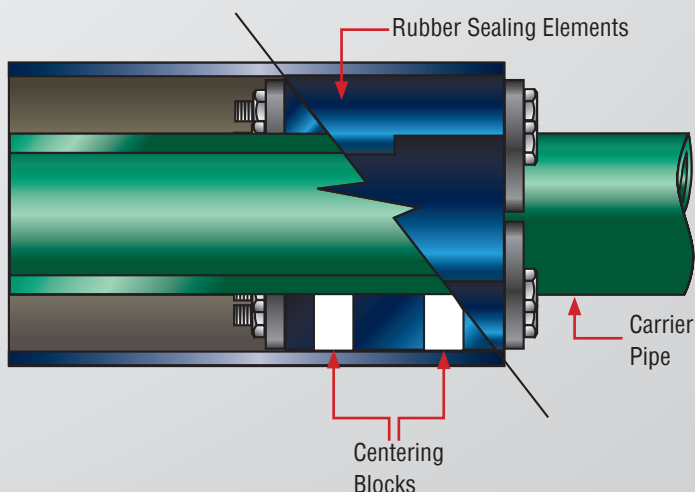


## Centering Blocks-End Seals

### LinqSeal Centering Blocks

Around pipes of at least 14" in diameter, HDPE centering blocks are embedded into the bottom 25% of the LinqSeal assembly to assist in centering the carrier pipe during installation.

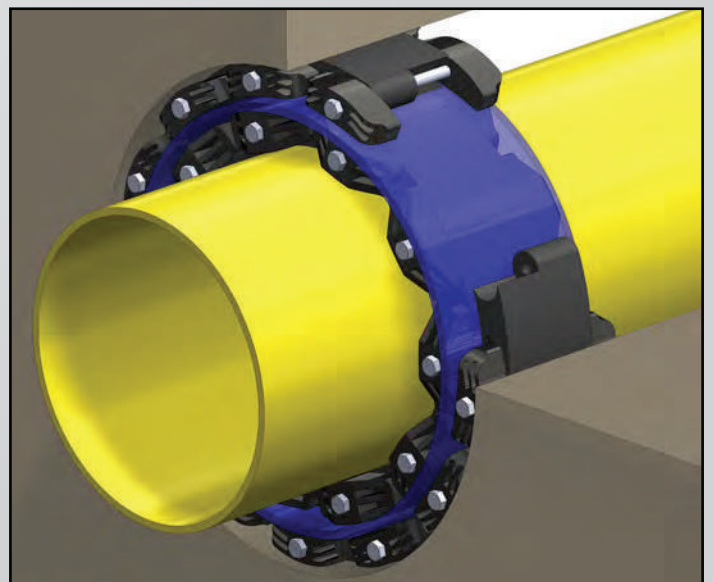
Unlike pipeline "boots", when used as end seals, on pipes of these sizes, LinqSeal are set within the casing and are protected from sharp aggregate and equipment, making them perfect end seals for cased pipelines.



## Layered Applications

### Layered Applications

Multiple layers of LinqSeal assemblies can be successfully installed using intermediate sleeves between wraps when the annular space is wider than the expanded thickness of a single LinqSeal assembly (as seen in the example below). Call the factory for sizing assistance at **+971 2 5575088**.



# LinqSeal Installation Instructions



## LinqSeal Check List

1. Make sure installation area is free of dirt or debris.
2. Make sure pipe is centered in sleeve or hole.
3. Make sure pressure plates and bolt heads are facing out.
4. Make sure that LinqSeal are hand-tightened only.
5. Make sure that the carrier pipe is supported.
6. Make sure that you use an anti-seizing compound if using stainless steel hardware.



## LinqSeal Don'ts

1. Never use power tools or air tools on any LinqSeal bolt.
2. Do not tighten bolts more than a couple of turns at a time.
3. Do not tighten bolts completely at one time.
4. Do not use LinqSeal as a mean of pipe support.
5. Do not install LinqSeal on uneven surfaces.
6. Do not tighten in a star pattern. Do go clockwise.



## Please Read Above Before Installing



1. Center the pipe, cable or conduit in wall sleeve, casing or core drilled hole. Make sure the pipe will be adequately supported on both ends. LinqSeal are not intended to support the weight of the pipe.



2. Connect both ends of the belt assembly around the pipe. Check to be sure all bolt heads are facing the installer.



3. Slide LinqSeal assembly into annular space. Lubrication with thin soap/water solution may help if tight.



4. Assembly may fit tightly or be loose depending on fit designed for your annular space



5. Use HAND tools only. DO NOT USE power or air driven tools. This not only voids your warranty, but does not let LinqSeal work to its full potential.



6. Start at the bolt located at 12 o'clock with 2-3 turns of wrench/ratchet. Continue clockwise. Do not tighten in a star pattern.



7. Repeat process until rubber begins to slightly bulge and bolt is tight. Make one more turn on each bolt around the entire assembly.



8. Installation is complete. If the seal doesn't appear to be correct using the instructions provided, call SKPS at +971 2 5575088

# Test Ports

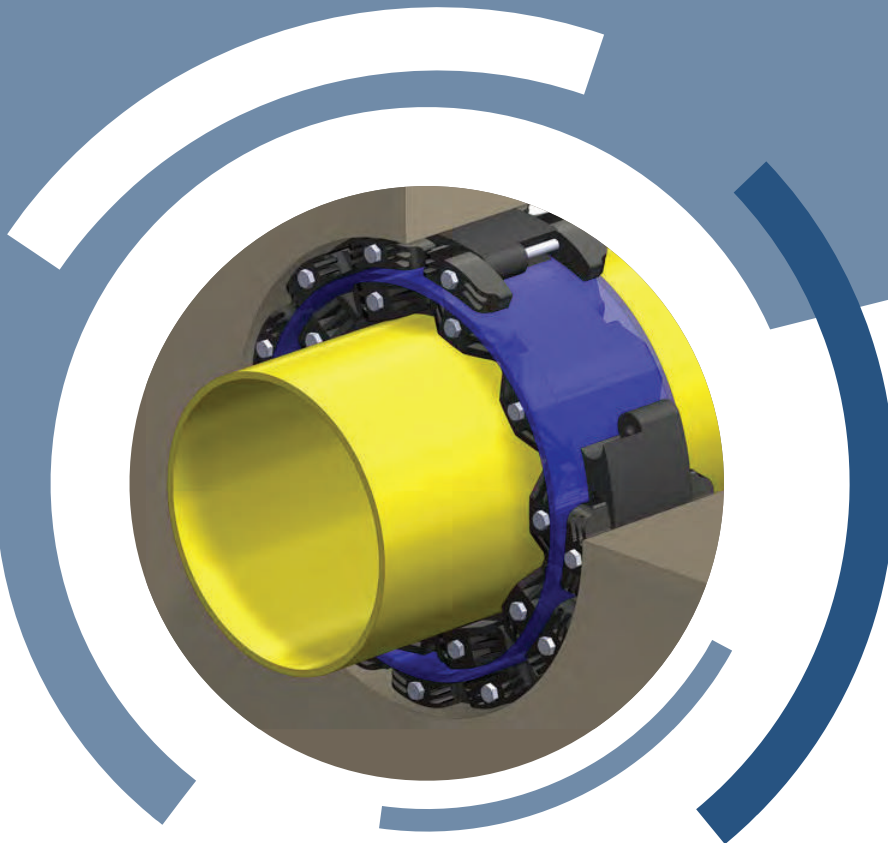
## What is a Test Port?

A patent-pending pressure monitoring port that has been integrated into the linseal assembly. This design will not jeopardize the integrity of the sealing capacity, unlike other testing methods.

## Why are Test Port used?

They are used to test or monitor the operating pressure of an linseal application.

For more information on Test Ports, please visit our website at [www.sealcomp.com](http://www.sealcomp.com)



### MANUFACTURED FOR:

**SEALCOMP CANADA**  
5538 Pettapiece Crescent  
K4M 1C5 Manotick, Ottawa, Canada  
Phone: +1 613 850 8558  
Email: [info@sealcomp.com](mailto:info@sealcomp.com)  
[www.sealcomp.com](http://www.sealcomp.com)

### MIDDLE EAST AND AFRICA PARTNER

**SAP & KAPS PETROLEUM SERVICES, LLC**  
Abu Dhabi, UAE  
Phone: +971 2 5575088  
Email: [info@skps.com](mailto:info@skps.com)  
[www.skps.com](http://www.skps.com)