

LINK-SEAL® Pipe-to-Wall Penetration Sealing Systems

Modular seals & wall sleeves for a permanent, watertight pipe penetration

LINK-SEAL® is a modular, mechanical rubber sealing system that forms a permanent, hydrostatic seal around virtually any pipe or cylindrical object as it passes through a wall, floor, or ceiling. Rubber links bolt together and mechanically expand to press against the pipe and the wall opening — no messy lead-and-oakum, no grout, and no cure time. It is the field-proven standard for keeping water, gas, soil, and backfill out of building penetrations.

WHY BUYERS CHOOSE LINK-SEAL

- ✓ **Fast install.** Seals a penetration in up to 75% less time than lead-oakum or grouted methods — by hand, with a single wrench.
- ✓ **Permanent, hydrostatic seal.** Rated to 20 psig (40 ft of head), exceeding most application requirements.
- ✓ **Built to last.** Elastomers resist aging, ozone, sunlight, water & chemicals; corrosion-coated carbon or 316 SS hardware.
- ✓ **Certified & code-ready.** NSF/ANSI 61 (potable water), Factory Mutual fire approval, ISO 9001 manufacturing.

A COMPLETE PENETRATION — SPECIFY THREE THINGS

1

The Seal

The [LINK-SEAL modular links](#) — rubber elements bolted around the pipe.

2

The Opening

A cored/cast hole, a Century-Line (CS) sleeve, or a Style WS steel sleeve.

3

The Size

Pipe O.D. + opening determine the seal model and number of links.

CHOOSE THE SEALING ELEMENT FOR YOUR SERVICE

Sealing Element	Color	Temp. Range	Best For
EPDM (standard)	Black / Blue	−40°F to +250°F	General water, direct burial, and atmospheric service
Nitrile	Green	−40°F to +210°F	Oils, fuels & solvents — gasoline, motor oil, jet fuel, hydraulic fluid
Silicone	Grey	−67°F to +400°F	Temperature extremes and fire-rated models (T, FD, FS)

CHOOSE THE WALL OPENING

Wall Opening	When to Use It
Cored / cast hole	Existing or field-drilled round openings in concrete or masonry.
Century-Line (CS) sleeve	Lightweight HDPE sleeve (≈1/8 the weight of steel) cast into new concrete pours; non-conductive, field-cutable, sizes to ~19" I.D.
Style WS steel sleeve	Welded/seamless steel sleeve with a full-circle water-stop plate for thrust resistance; painted (WS) or galvanized (WSG). Ideal for high-temperature settings.

SIZING & SELECTION

- ✓ Fits steel & plastic pipe from 0.840" O.D. (½") up to 48"+, and ductile iron up to ~50.8" O.D. — effectively **no upper limit** to the pipe size that can be sealed.
- ✓ To order: confirm the pipe's actual O.D., choose the opening type, then read the model and links-per-seal from the [LINK-SEAL sizing chart \(PDF\)](#). Order format — **LS-575-C-10** (seal size – model – link qty). Specify sleeve length separately.

TYPICAL APPLICATIONS

 Mechanical & boiler rooms	 Water & wastewater plants	 Foundations & basements	 Tanks & vaults
 Fire-rated walls & floors	 Utility & service entries	 Data centers	 Pump & equipment skids

Ready to spec, size, or order?

Contact Eric — he'll size the right assembly and get you a quote.

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