



Modular Ring Seal

Catalogue Overview
Sealing Solutions

Modular Ring Seal





**Installation in
core-drilled holes**

**Installation in
wall sleeves**



**Installation wall
sleeves/cable
conduits**

Professional Solutions for Securing Cable and Pipeline Penetrations

Ensuring the integrity of penetrations for pipelines and cables, whether through subterranean or aboveground barriers like walls, ceilings, or conduits, is paramount. It's crucial that these entry points are sealed effectively to prevent the intrusion of water or gases, safeguarding the structure's internal environment.

Our building penetration solutions and seal inserts facilitate an effortless, quick, and tidy method for integrating pipelines and cables through any structural barrier. These sealing solutions are meticulously engineered to be pressure-tight, providing a reliable barrier against the elements. Additionally, they offer the added advantage of reducing heat and sound transmission, maintaining the comfort and safety of the premises.



- Sealing pipes and cables to prevent water and gas penetration.
- Protecting pipes and cables from harsh substances.
- Ensuring the integrity of pipelines within drinking water systems.
- Compatible with sound insulation requirements as per DIN 4109.
- Designed for retrofitting (all seal inserts can be divided)

Product Compounds

Modular Seal

Gap-Free Fork Connection



**Connecting Elements
with Corrosion Protection**



**Revolving AquaStop
Safety Groove**



**Non-twisting Pressure
Elements**



Quick and Simple to Split



Up to 2 Bar



Simple seal insert against pressing water up to 20 mWs and 2 bar air or water pressure in accordance with DIN 3230 part5

Up to 5 Bar



Simple seal insert against pressing water up to 50 mWs and 5 bar air or water pressure in accordance with DIN 3230 part5

EPDM



Standard rubber highly resistant to many common fluids, for temperatures from -40° to +120° C

NBR



Nitrile rubber resistant to oils, fats, fuels (aromatic) and many kinds of solvents, not UV-/weather-resistant, for temperatures from -40° to +120° C

Potable Water



All materials comply with the German Environmental Agency's recommendations about materials coming into contact with drinking water, for temp. from -40° to +120° C

Galvanized



Galvanized steel parts

Stainless Steel



Stainless steel parts
V2A + V4A

Detailed Guides for Installing Seal Inserts and Building Penetration Solutions

2 Bar



5 Bar

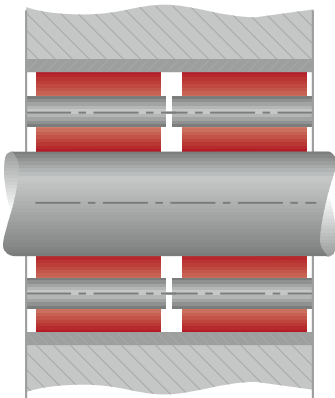


Separable



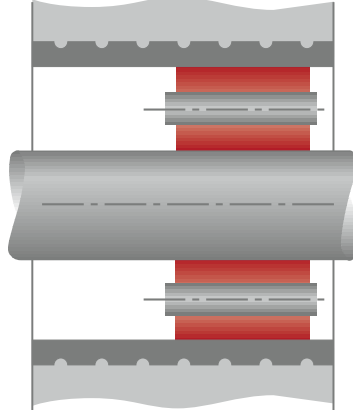
Examples of Installation

Core-drilled Hole



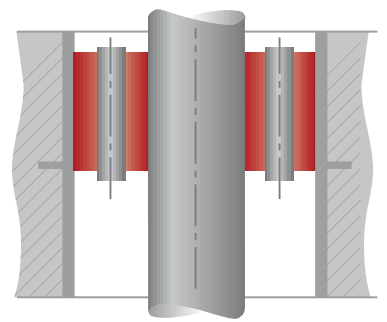
Wall installation in core-drilled hole with 2 external seal inserts

Wall Sleeve



wall installation with external seal insert on one side

Ceiling



ceiling installation with one external seal insert

2 Bar



Dimensions for installation

Item name	Ring gap [mm]	Carrier pipe [mm]	Installation depth [mm]	Max. torque [Nm]
Lu-GT 200	12,5 – 15,9	21,3 – 323,9	40	3
Lu-GT 250	15,5 – 19,6	13,0 – 358,0	40	3
Lu-GT 275	15,5 – 19,6	4,0 – 67,1	40	3
Lu-GT 300	17,5 – 22,4	44,5 – 406,4	55	15
Lu-GT 325	23,0 – 29,8	88,9 – 711,0	80	15
Lu-GT 350	23,5 – 30,6	14,0 – 406,4	60	15
Lu-GT 375	31,0 – 36,5	26,0 – 323,9	70	15
Lu-GT 400	36,0 – 43,5	139,7 – 1220,0	90	35
Lu-GT 415	36,0 – 43,5	44,5 – 323,9	90	35
Lu-GT 425	28,0 – 35,5	134,0 – 1220,0	90	35
Lu-GT 475	40,0 – 47,5	33,7 – 1220,0	90	35
Lu-GT 500	58,0 – 68,5	82,5 – 1220,0	110	65
Lu-GT 525	53,0 – 61,3	133,0 – 1220,0	110	65
Lu-GT 575	47,0 – 56,8	90,0 – 1220,0	90	50
Lu-GT 600	80,0 – 96,5	177,8 – 3000,0	140	130
Lu-GT 650	71,0 – 81,5	200,0 – 1220,0	110	85

5 Bar



Dimensions for installation

Item name	Ring gap [mm]	Carrier pipe [mm]	Installation depth [mm]	Max. torque [Nm]
Lu-GT 200	12,5 – 17,0	21,3 – 323,9	70	3
Lu-GT 250	15,5 – 21,0	13,0 – 358,0	70	3
Lu-GT 275	15,5 – 21,0	4,0 – 67,1	70	3
Lu-GT 300	17,5 – 24,0	44,5 – 406,4	90	15
Lu-GT 325	23,0 – 32,0	88,9 – 711,0	110	15
Lu-GT 350	23,5 – 33,0	14,0 – 406,4	110	15
Lu-GT 375	31,0 – 40,0	26,0 – 323,9	110	15
Lu-GT 400	36,0 – 46,0	139,7 – 1220,0	140	35
Lu-GT 415	36,0 – 46,0	44,5 – 323,9	140	35
Lu-GT 425	28,0 – 38,0	134,0 – 1220,0	140	35
Lu-GT 475	40,0 – 50,0	33,7 – 1220,0	140	35
Lu-GT 500	58,0 – 72,0	82,5 – 1220,0	150	65
Lu-GT 525	53,0 – 64,0	133,0 – 1220,0	150	65
Lu-GT 575	47,0 – 60,0	90,0 – 1220,0	140	50
Lu-GT 600	80,0 – 102,0	177,8 – 3000,0	190	130
Lu-GT 650	71,0 – 85,0	200,0 – 1220,0	160	85

"... We don't just meet expectations, we redefine what's possible in pipe sealing excellence!

