



DDL® Ring-Seal Lu-GT

Modular seal inserts

Ring-Seal



DDL®

Durchführungstechnik
Dichtsysteme
Lutz

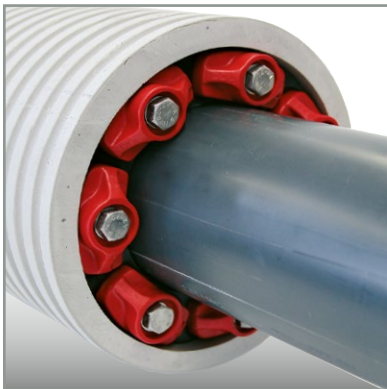
DDL modular ring seals Lu-GT

with the original **DDL® Ring-Seal** modular seal

Installation in core-drilled holes



Installation in wall sleeves



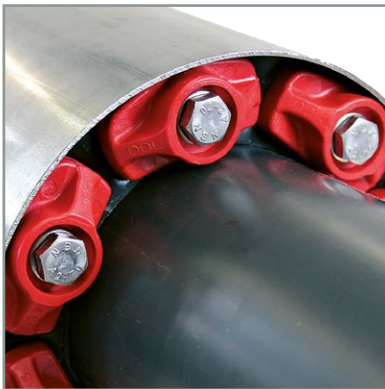
Installation wall sleeves/cable conduits



DDL Ring-Seal building penetrations and seal inserts

If pipelines or cables are led through underground or aboveground external walls, ceilings, or in cable conduits, it has to be ensured that the penetration spots are permanently sealed. Neither pressing water nor gas may enter the penetration or the seal of the conduit.

Building penetrations and seal inserts enable a simple, fast and neat penetration of pipelines and cables through walls, ceilings, and conduits. The seal inserts are pressure-tight and prevent the transmission of heat and sound.



- Sealing of pipes and cables against pressing water and gas
- Sealing of pipes and cables against aggressive mediums
- Sealing of pipelines in drinking water facilities
- For use in sound protection in accordance with DIN 4109
- Subsequent installation possible (all seal inserts can be separated)

Product assets of the DDL Ring-Seal Lu-GT modular seal

Gap-free fork connection



Connecting elements with corrosion protection



Revolving AquaStop safety groove



Non-twisting pressure elements



Quick and simple to split



DDL Ring-Seal Lu-GT product overview

Lu-GT 20



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

Lu-GT 50



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

Lu-GT epdm



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

Lu-GT 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

Lu-GT ktw



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

Lu-GT vz



Galvanized steel parts

Lu-GT va



Stainless steel parts
V2A + V4A



Schematic installation examples of DDL Ring-Seal seal inserts and building penetrations

Lu-GT 20



Lu-GT 50

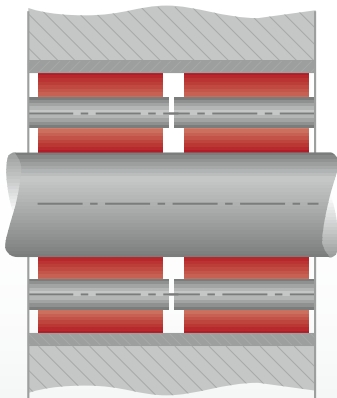


Lu-GT (separable)



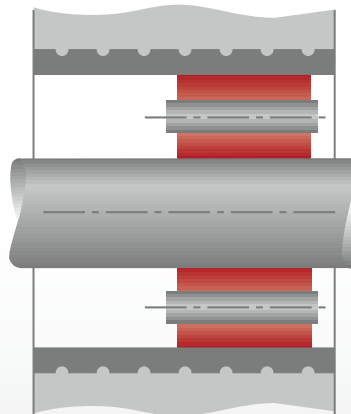
examples of installation

core-drilled hole



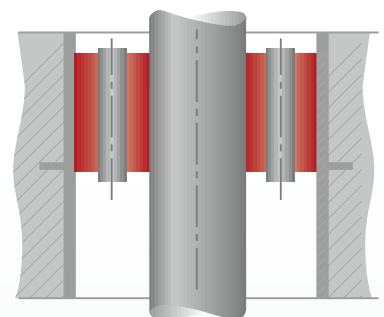
wall installation in
core-drilled hole
with 2 external seal
inserts

wall sleeve



wall installation
with external seal
insert on one side

ceiling



ceiling installation
with one external
seal insert

Modular ring seal original DDL Ring-Seal Lu-GT 20

Modular construction system

Lu-GT selection software
www.ddl-auswahl24.de
www.ddl-select24.com

Ring-Seal
 selection
 software



20 m WS

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

Modular ring seal original DDL Ring-Seal Lu-GT 50

Modular construction system

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Ring-Seal
 selection
 software



50 m WS

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

Accessories

Wall sleeves



Polymer-quartz-sand cement wall sleeves made of asbestos-free polymer-quartz-sand cement.

The grooved shape (water stop), the dimensioning and the dimensional tolerance of the wall sleeves accord with the works standard of one of the biggest German water suppliers.

Version:

with creasing on the
external wall (grooves)
for additional protection
against water penetration

Dimensions:

- DN 80 to DN 1200
- length 100 to 1000 mm
- also available in split version

Front wall sealing



Steel constructions according to DIN 18195 T9 made of stainless steel for waterproofing buildings.

Versions:

- front flange (front wall sleeve)
- with loose/fixed flange
- split and closed versions available
- multiple penetrations available

Concrete finish for core-drilled holes

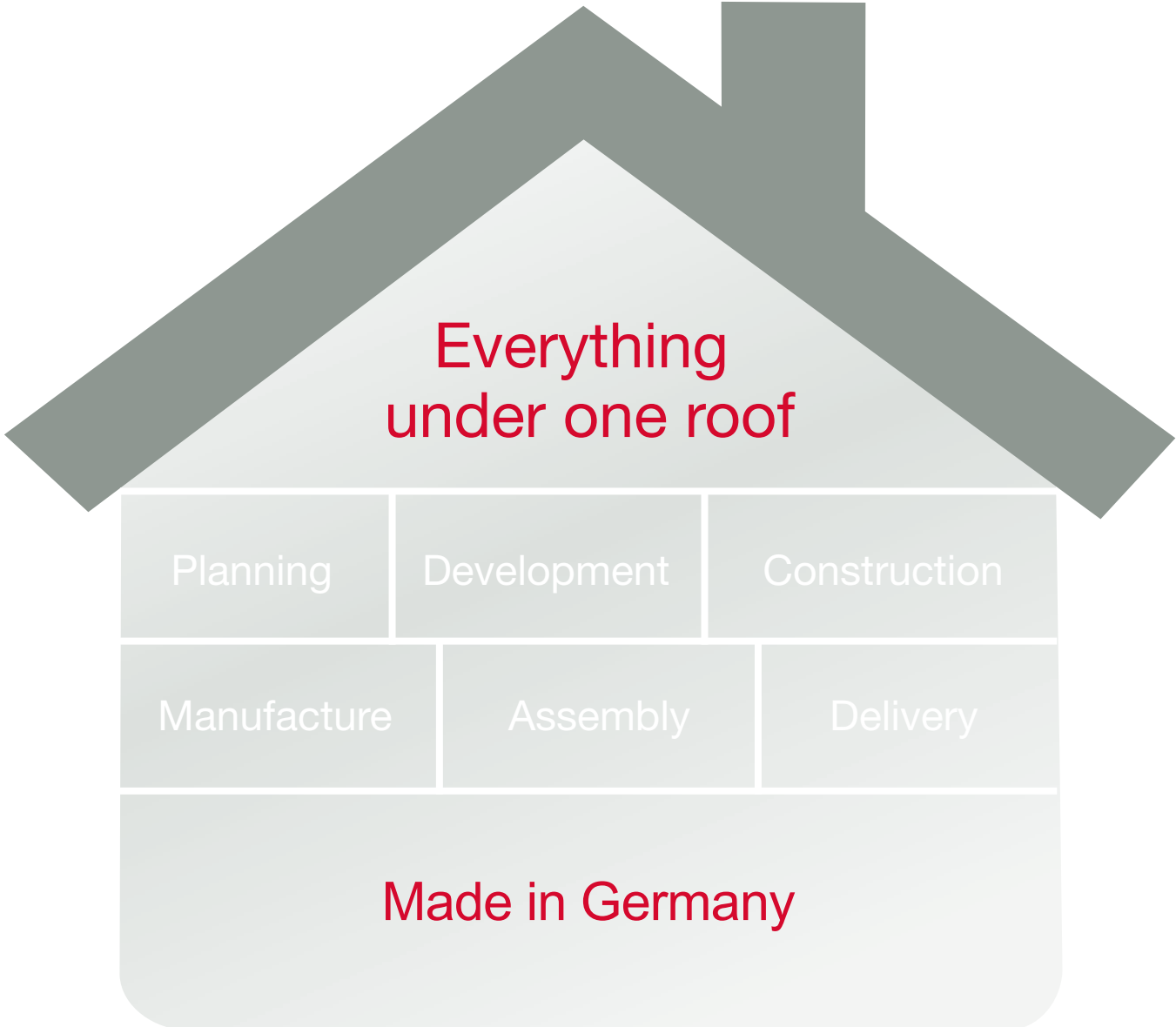


Waterproof coating of core-drilled holes

- two-component epoxy resin
- solvent-free
- for dry concrete/mineral substrate
- unfilled low-viscosity epoxy resin
- universally applicable

Application range:

Any type of concrete, screed or stone
(optionally KTW-appliant)



The diagram is shaped like a house. The roof is a dark grey outline. Inside the roof is a light grey triangle containing the text 'Everything under one roof'. Below the triangle is a light grey rectangle divided into six smaller rectangles arranged in two rows of three. The top row contains 'Planning', 'Development', and 'Construction'. The bottom row contains 'Manufacture', 'Assembly', and 'Delivery'. Below this rectangle is a larger light grey rectangle with rounded corners containing the text 'Made in Germany'. A large dark grey arrow points downwards from the bottom of this rectangle towards the customer service text.

Everything
under one roof

Planning

Development

Construction

Manufacture

Assembly

Delivery

Made in Germany

our customer service

Competence

Price

Quality

Delivery time



DDL[®]

Durchführungstechnik
Dichtsysteme
Lutz

... more products from our portfolio

- Pipe-Seal compact seals
- Wall collars
- Casing end seals
- Polymer-quartz-sand cement wall sleeves
- Casing spacers
- Rubber steel flange seals
- Rubber flat seals
- Sani-Pipe (plastic front flange)
- Double sleeve penetrations with sealing collar
- Seal packings DSP 150 (cable penetrations)
- BEF Snap-In (elastic container entry)
- Steel constructions according to DIN 18195 T9



DDL[®]

Durchführungstechnik
Dichtsysteme
Lutz

... we set standards!

