

# QUICK LOCK

## Quick-Lock for non-man entry pipes

DIAMETER	OVERALL LENGTH	PIPE INTERNAL PRESSURE	PIPE EXTERNAL PRESSURE
DN 150 to 400	400 mm	10 bar	1,5 bar
DN 450 to 800	500 mm	10 bar	1,5 bar

## Q-L BIG for man entry pipes, \*two-piece, \*\* three-piece

DIAMETER	OVERALL LENGTH	PIPE INTERNAL PRESSURE	PIPE EXTERNAL PRESSURE
DN 800 to 1300 *	200 mm	1 bar	1 bar
DN 1400 to 2000 **	200 mm	1 bar	1 bar

## Q-L liner end sleeve \*one-piece, \*\* two-piece, \*\*\*three-piece

DIAMETER	OVERALL LENGTH	PIPE INTERNAL PRESSURE	PIPE EXTERNAL PRESSURE
DN 150 to 400 *	300 mm	10 bar	1,5 bar
DN 450 to 800 *	300 mm	10 bar	1,5 bar
DN 700 to 1300 **	300 mm	10 bar	1,5 bar
DN 1400 to 1600***	300 mm	10 bar	1,5 bar

## Q-L Well for supply lines

DIAMETER	OVERALL LENGTH	PIPE INTERNAL PRESSURE	PIPE EXTERNAL PRESSURE
DN 150 to 400	400 mm	10 bar	1,5 bar
DN 450 to 800	500 mm	10 bar	1,5 bar

## Q-L Flex for position deviations

DIAMETER	OVERALL LENGTH	PIPE INTERNAL PRESSURE	PIPE EXTERNAL PRESSURE
DN 200 to 400	360 mm	0,7 bar	0,7 bar
DN 500 to 600	460 mm	0,7 bar	0,7 bar

## Q-L Mini for standard pipes, down pipes

DIAMETER	OVERALL LENGTH	PIPE INTERNAL PRESSURE	PIPE EXTERNAL PRESSURE
DN 100, 125, 150	90 mm	10 bar	1,5 bar
DN 100, 125, 150	140 mm	10 bar	1,5 bar

## Q-L Mini liner end sleeve for standard pipes, down pipes

DIAMETER	OVERALL LENGTH	PIPE INTERNAL PRESSURE	PIPE EXTERNAL PRESSURE
DN 100, 125, 150	140 mm	10 bar	1,5 bar

Customized products available on request.

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## 316 S.S-liner for application in pipe systems

### HOW IT WORKS

- ✔ The Quick-Lock system seals and stabilizes damage completely by mechanical means, without any chemicals and is suitable for all pipe materials.
- ✔ The patented locking system ensures that the sleeve stays permanently in position.
- ✔ After rehabilitation, the sleeve has its own static capability and absorbs the natural tectonic movements of the pipes.
- ✔ For repairs in longer damages the Quick-Lock sleeves can be consecutively installed in series.

### REQUIREMENTS

The Quick-Lock sleeve is expanded with a compressor and the Quick-Lock packer for each CCTV crawler camera or robot system.

### SYSTEM ADVANTAGES

- ✔ Simple installation
- ✔ 316 stainless steel and EPDM long-life materials
- ✔ No chemicals
- ✔ Approved according to building legislation
- ✔ With statics for old sewer pipes condition type II
- ✔ Resistance to high pressure rinsing according to DIN 19 523
- ✔ Low investment in system technology



# QUICK LOCK

## Area of application

The area of application for the Quick-Lock sleeve is manifold. When using the Quick-Lock sleeve, it doesn't matter whether it is horizontal or vertical, above or below water level. Due to the high quality and durability of the materials used, Quick-Lock can be used not only for sewer rehabilitation but also in the area of drinking water or in industrial applications.

### Trenchless technology

The Quick-Lock system can be utilized successfully for different damages:

- ✓ Cracked systems
- ✓ Infiltration and exfiltration
- ✓ Leaks
- ✓ Industrial Applications
- ✓ Pressure Pipes
- ✓ Pre-sealant and pre-stabilisation
- ✓ Fragmented pipes
- ✓ Root intrusion
- ✓ Overcoming joint displacement
- ✓ Mobile Applications
- ✓ Drainage Areas

If the damage is longer than the sealing range of a single sleeve, the Quick-Lock sleeves can be interconnected forming on continuous sealed pipe. The overlapping rubber gasket provides a secure seal.



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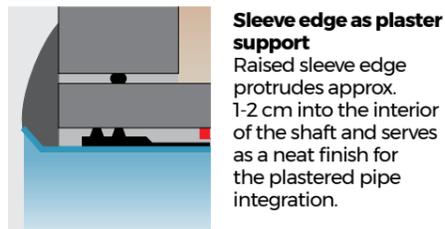
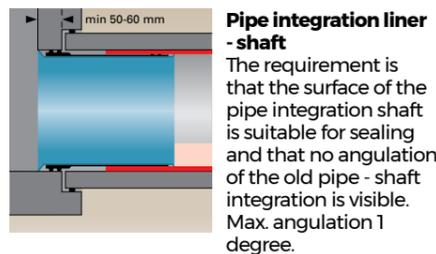
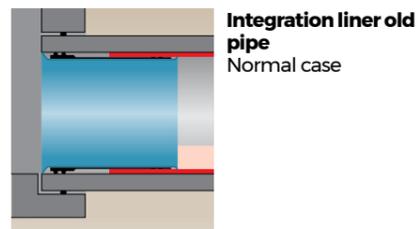
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### Quick-Lock LEM

The Quick-Lock liner end sleeve is a system for connecting liner systems to pipes and buildings. The ring space between the liner and the old pipe is permanently sealed and the liner end is protected against the mechanical influences of high pressure cleaning.



### Quick-Lock BIG

The Quick-Lock BIG system has been further designed and developed as a divisible sleeve for the rehabilitation of man entry pipes and culverts.

