



# QUICKLOCK AUSTRALIA

INTELLIGENT TRENCHLESS TECHNOLOGY



**INSTALLS QUICKLY. LOCKS PERMANENTLY.**

A FLEXIBLE, STRUCTURALLY SOUND REPAIR SYSTEM  
WITH MINIMAL PREP, MINIMAL LABOUR,  
AND MINIMAL RISKS.

Engineered by

## **UHRIG**



*QUICKLOCK is a German-engineered, compression-based trenchless repair system for rehabilitating existing Sewer & Stormwater pipelines.*

*Developed in 1999, QUICKLOCK is being installed at a rate of 15,000 units per year throughout Europe, it's recently entered the US market; and now QUICKLOCK Australia have established AQTF training & sought industry appraisal to provide the local market access to this premium trenchless product.*



## THE SYSTEM

The QUICKLOCK system is made of stainless steel sleeves surrounded by a seamless EDPM rubber compression gasket, which are expanded (in position) to the optimal pressure with their QUICKLOCK packer, and locked permanently in place by an integrated ratchet mechanism. The specially developed, pneumatically operated packers are selected depending on the sleeve size and positioned at the damaged section of pipe using a modified CCTV system. QUICKLOCK sleeves can be used as an isolated point-repair, overlapped to cover longer sections of damaged pipe, or even used to compliment other lining systems.

Once installed, the compression seal improves the structural integrity of the host pipe; and even when installed across articulation joints, the natural flexibility of the steel and rubber materials ensure that the seal remains tight regardless of any ground movement and associated displacement. The intelligent design affords minimal cross-sectional area loss and allows for the continuation of standard maintenance such as high pressure cleaning and root removal with even the most aggressive equipment.



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## APPLICATIONS

The completely mechanical QUICKLOCK system ensures no chemicals, resins or glues are required and is therefore suitable for use in all forms of pipes/surfaces, even drinking/potable water pipes.

The QUICKLOCK system is suitable for repairing most common forms of damage found in sewer networks, such as:

- Water infiltration/exfiltration; water infiltration at displaced joints;
- Root intrusion/infiltration;
- Closing dormant or unused inflows;
- Overcoming joint displacement;
- Suitable for use in horizontal or vertical sections of pipe;
- Cracked, fragmented or deformed pipes; longitudinal, cross-sectional and radial cracks.
- Repairs of well piping possible even under water;
- Available as a perforated sleeve for drainage lines and filter piping rehabilitation;
- Repairs of pressure piping possible up to 10 bar/145psi.

## TRAINING & CERTIFICATION

The QUICKLOCK range of products have earned Standards Approval in accordance with the DiBT (Germany), ASTM (America), NSF (Drinking Water) and the WRC (Water Research centre).

The QUICKLOCK system has been designed and developed using the feedback of installation partners, and the basic principles of:

- easy installation;
- little or no preparation required;
- minimal risk of mistakes.

As the QUICKLOCK system is regularly refined, and used by specialist companies only, the manufacturer requires that all operators undergo training & certification.

The Australia & New Zealand Distribution and Training Partner, QUICKLOCK Australia, is equipped to provide ongoing technical support; facilitate ordering and importation of equipment; run competency training for installers under the Australian Quality Training Framework and report feedback based on local usage.

15 years ago, UHRIG Canal Engineering GmbH developed QUICKLOCK, the only partial, infinitely variable rehabilitation system working on the basis of compression. Through years of consultation with their trained, certified installation partners, UHRIG has matured the QUICKLOCK system into a highly efficient, intelligent trenchless solution.

QUICKLOCK Australia is proud to be in partnership with UHRIG to bring this quality technology to Australia & New Zealand.



## PRODUCT RANGE

QUICKLOCK sleeves are available in lengths of 400mm (DN 150 – DN 400) & 500mm (DN 450 – DN 800). Components are manufactured from the tried, tested, quality materials of V4A stainless steel and EDPM rubber gaskets, ensuring a high life expectancy and durability, corrosion and heat resistance. Tools required to install the QUICKLOCK system are a CCTV crawler camera, compressor and the QUICKLOCK packer & sleeves.

QUICKLOCK Size DIA	Sleeve Length	Total Diameter Rolled	For use in Pipe Sizes From/To		Required packer	Wheelbase
			Pipe Size Min (Internal)	Pipe Size Max (Internal)		
mm	mm	mm	mm	mm	VP	RS
150	400	130	145	154	VP 150-200	RS 150
225	400	194	218	233	VP 200-300 / VP 250-300	RS 225 + SPV 300 / RS 225
300	400	252	290	312	VP 200-300 / VP 250-300	RS 250 + SPV 300 / RS 300
380	400	318	365	384	VP 350-500	RS 380
450	500	382	435	461	VP 350-500	RS 400 + SPV 450
524	500	448	495	532	VP 500-600	RS 500
600	500	536	580	615	VP 500-600 / VP 600-700	RS 500 + SPV 600 / RS 600
750	485	618	720	762	VP 700-800	RS 750

## QUICKLOCK BIG

Accessible ducts of DN 800 – DN 1600 will require the use of the specially modified QUICKLOCK BIG system.

The two-part stainless steel ring of QUICKLOCK BIG can be inserted through existing manholes into circular man entry pipes, and positioned and installed manually within minutes. This avoids the need to use any expensive machinery to remove any surrounding road surface.

QUICKLOCK BIG is supplied in lengths of 200mm for DN 800 – DN 1600.

## QUICKLOCK LINER END SLEEVE

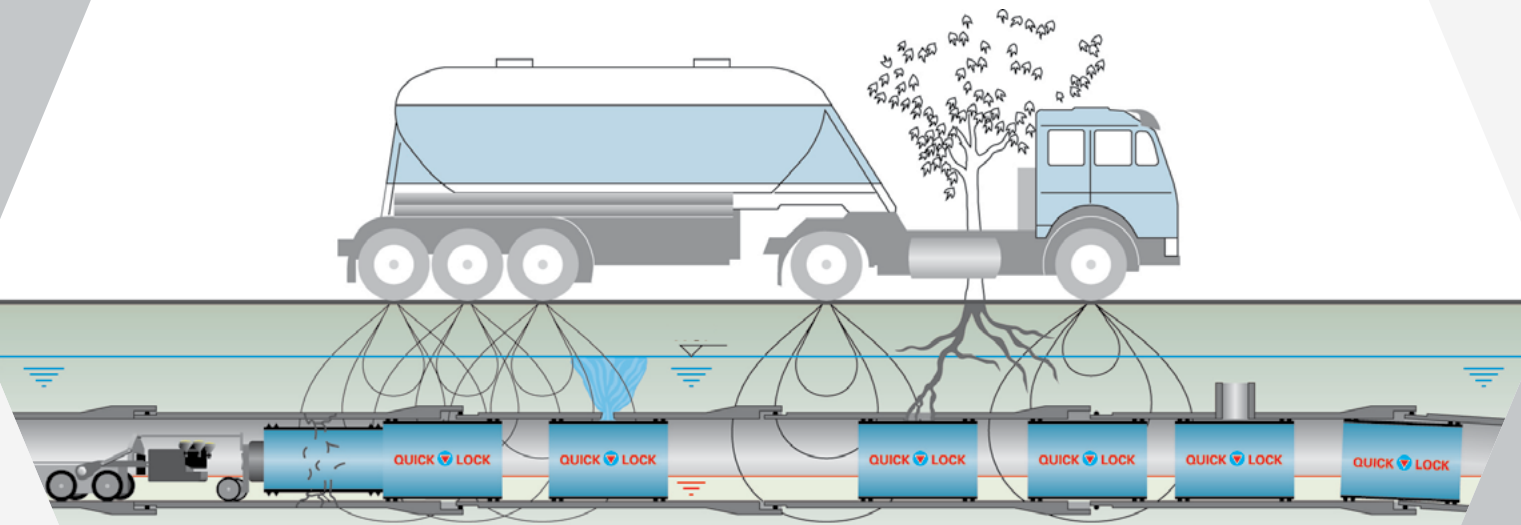
The QUICKLOCK Liner End Sleeve seals and protects the ring space between the liner and old pipe. In addition, the QUICKLOCK Liner End Sleeve also protects the liner end against the mechanical influences of high pressure cleaning.

QUICKLOCK Liner End Sleeves are supplied in lengths of: 250mm (DN 800 – DN 1600); 300mm (DN 450 – DN 600)

QUICKLOCK Liner End BIG services the range DN 700 – DN 1200.

For more information:  
contact **+61 3 9736 3439**  
or email **mail@quicklockaustralia.com**

For photos and videos of the QUICKLOCK system in use locally, visit:  
**QUICKLOCKAUSTRALIA.COM**



PROUD MEMBER:



EXHIBITING AT:



FEATURING IN:

