



Thermopipe®

A non-disruptive, close-fit pressure pipe rehabilitation system



Millions of litres of clean, treated drinking water are lost each day to pipe deterioration. Additionally, much of the world's drinking water pipe infrastructure is long past its design life and in need of repair. Complete replacement of these pipes using conventional dig solutions can be time consuming and very disruptive to traffic, citizens and the environment. These problems can easily be avoided by choosing Thermopipe® - the non-disruptive, close-fit pressure pipe rehabilitation system.

Thermopipe® is the solution for your pressurized pipe system:

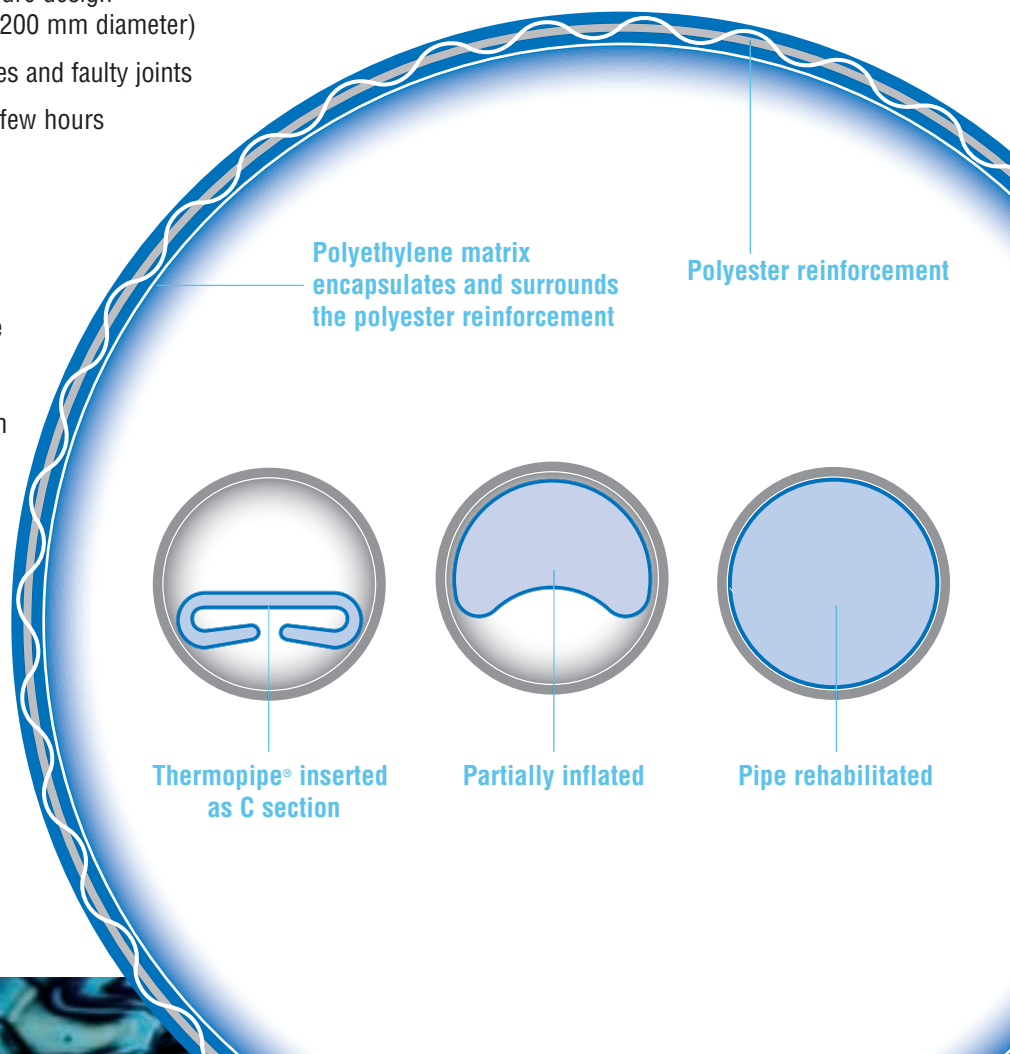
- Diameter ranges from 60 to 300 mm
- Independent fully structural internal pressure design rating of 12 bar (16 bar for 100 mm thru 200 mm diameter)
- Stops leakage by bridging and sealing holes and faulty joints
- Rapid installation – up to 300 m in just a few hours
- Drinking water approved
- Negotiates multiple bends
- Minimises disruption

Thermopipe® is a thin reinforced polyethylene liner that is ideally suited for rehabilitation of distribution water mains and other pressurised piping systems of up to 300 mm in diameter. Supplied as a factory-folded "C" shape liner, the Thermopipe® is winched into the host pipe from a reel and reverted with air and steam.

Once inflated and heated, the liner forms a close-fit within the host pipe, creating a jointless, leak-free lining system able to independently carry the full system internal design pressure. The installation process is simple and can usually be complete within an 8-hour time period.

In addition to potable water distribution mains, Thermopipe® may be suitable for:

- Sewer force mains
- Fire water mains
- Industrial pressure applications



How Thermopipe® is Installed



Step 1:

Thermopipe® is winched off a reel using low loads and pulled into the host pipe.



Step 2:

The lining system is inflated with air and then heated with steam.



Step 3:

After a short cool down period, the end couplers and service connection ferrules are attached.

Thermopipe® Product Data

Nominal Size (mm)	60	70	80	100	125	140	150	200	250	300
Wall Thickness (mm)	1.8	2.0	2.0	2.4	2.5	2.5	2.5	3.5	4.5	5.0
Design Pressure Rating (bar)	12	12	12	12/16	12/16	12/16	12/16	12/16	12	12

Approvals:

- Certified by NSF International as complying with the requirements of ANSI/NSF Standard 61
- UK DWI Approval
- Manufactured under a Quality Management System approved to ISO 9000
- *Approved where it has been used only*

Renew Service Connections with iTAP™

iTAP™ is a robotic method of reinstating service connections from inside a lined main.

A remote operator uses an innovative technology to locate the service connections from inside a lined main and robotically cuts through the liner at each service opening. A water-tight, pressure-rated mechanical seal is achieved when a self-tapping T-Nut and gasket is installed in each corporation valve.

iTAP™ allows you to save time and avoid the added costs and disruption of digging at each service connection.



Insituform®

Clean water for the world.

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