

Thermopipe™



Insituform Blue Thermopipe™ is a polyester-reinforced polyethylene lining solution that can restore structural integrity to deteriorated pipes. The installation process is quick and the jobsite footprint is very small, keeping disruption and downtime to a minimum. Insituform Blue Thermopipe™ provides a jointless, long-term and leak-free solution.

Application: Distribution mains

Diameter range: 60 – 300 mm

Installation lengths: up to 300 m

Maximum operating pressure: 16 bar

Bends: up to 45°

PolyFlex™



The Insituform Blue PolyFlex™ System involves the installation of a polyethylene (PE) pipe inside a deteriorated host pipe. The PE pipe has a greater outer diameter than the inside diameter of the host pipe it will protect. It is installed by reducing the diameter of the PE pipe using a series of rollers. The installation process produces a continuous, close-fitting and structural solution.

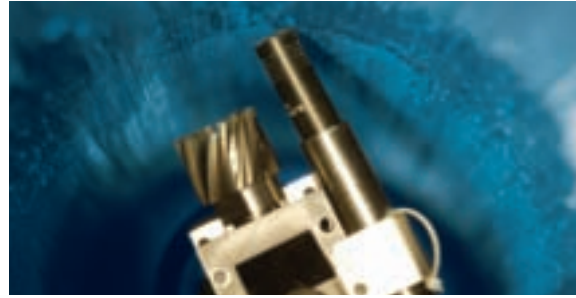
Application: Trunk and distribution mains

Diameter range: 50 – 600 mm

Installation lengths: up to 1000 m

Bends: up to 22.5°

iTAP™



Insituform Blue iTAP™ is a robotic method of reinstating service connections from inside the main. Traditionally, holes were excavated at each service connection so that service lines could be reconnected when a host main was renewed with a trenchless process. iTAP™ allows you to save time and avoid the added costs and disruption of digging.

An operator using innovative technology can locate the service connection from inside a lined main and then robotically cut through the liner at each service connection. A water-tight, pressure-rated mechanical seal is achieved when a self-tapping T-Nut and gasket are installed in each service connection.

Application: Service connection reinstatement

Mainline diameter range: 150 – 300 mm

PolyFold™



The Insituform Blue PolyFold™ renovation process involves the folding of polyethylene (PE) pipe to ease its installation as a close fit liner into an existing pipe. The PE pipe becomes a structural or interactive liner with the host pipe. It stops leaks, spans holes and leaky joints caused by internal corrosion and provides a corrosion barrier in otherwise sound pipes.

Application: Trunk and distribution mains

Diameter range: 300–1200 mm

Installation lengths: up to 500 m

Bends: up to 22.5°

Insituform® has a long history of helping engineers renew their underground infrastructure. We have been rehabilitating underground pipe systems using trenchless methods since 1971.

Insituform® offers:

- High quality products & services
 - ISO 9001:2000 certification covering manufacturing, design, installation and service capabilities
 - Total quality culture ensures complete customer satisfaction
- Single point of contact
 - Responsibility and accountability for research and design, manufacturing, installation and service
- Experience
 - Over 21,000 km of pipe rehabilitated
 - More than 35 years of experience
- Affordable solutions and a rapid return on investment

Let Insituform® help you restore and protect two of your most valuable assets; your underground infrastructure and your drinking water.

Thermopipe has received DWI approval. PolyFold™ and PolyFlex™ are produced from PE100 and manufactured in accordance with EN12201.

All solutions also suitable for sewer rising main and industrial pressure applications.

The United Kingdom and Ireland have the oldest water mains network in the world and each day millions of litres of clean drinking water disappear, mostly due to old leaky pipes and mains.

Water mains networks have been in use for nearly 200 years. The networks incorporate millions of joints, valves, hydrants and connections for individual properties, all of which are potential leakage points.

Insituform Blue™ can help you reduce water loss, avoid supply interruptions, increase water quality and restore structural integrity to your drinking water system.



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**Millions
of litres of
water lost
every day.**

Insituform Blue™ can help.

We fix water pipes. In the process we help our clients conserve water, save money and realise a significant return on their renovation investment.

Insituform Blue™
