

PressureCIPP™



Pressurised Pipe Rehabilitation From Perco



Standalone design

Improved flow

No loss of capacity

Reduced disruption

Smaller site 'footprint'

PressureCIPP™ FROM PERCO

The CIPP lining system for pressurised pipelines
from the UK leader



What is PressureCIPP™?

PressureCIPP is a seamless GRP tube reinforced in UV light cured resin. Unlike other CIPP liners PressureCIPP is designed for use in pressurised pumping mains carrying raw water or sewage.

PressureCIPP provides a cost-effective alternative to sliplining, open-cut pipeline replacement and other rehab solutions, and offers these benefits:

- **Standalone design**
- **Seamless construction for reduced wear and increased strength**
- **Rapid installation**
- **Improved flow**
- **Original pressures maintained/increased**

Where should you use PressureCIPP™?

PressureCIPP can be used in pipelines with internal diameters from 150mm to 1200mm. Due to its unique seamless design it can be installed in continuous lengths of up to 400 metres.

It can be installed in any type of host pipe and is not dependent on the quality or condition of the host main.

- ✓ **Raw water pumping mains**
- ✓ **Sewage pumping mains**
- ✓ **In locations where disruption needs to be minimised**
- ✓ **Areas where environmental considerations are important**
- ✓ **Sewers in residential areas**

The technology

PressureCIPP has been designed by Perco for pressurised pumping mains and is manufactured for Perco in Germany by Brandenburger. PressureCIPP's seamless glass fibre tubes impregnated with UV light curing resin are available in a range of wall thicknesses from 3.5mm to over 20mm.

PressureCIPP liners are extremely strong, offering long time tensile bend stress of 200 N/mm² and long time modulus of elasticity of 5625 N/mm².

Mechanical abrasive resistance has been proven in tipping trough tests with over 300,000 stress reversals at the University of Darmstadt in Germany.

An environmentally sound, cost effective and long-lasting
rehabilitation solution for pressurised pipelines.



urised pipelines ader in trenchless technology.



For positive and negative pipeline pressures

Pumping mains operate at a wide range of positive and negative pressures. Each PressureCIPP liner is made 'to measure' and is designed to meet the pressure requirements of the system.

Sealing options

PressureCIPP is compatible with internally fixed mechanical seals such as the AMEX®-10-Seal (see below left) and with external clamping seals (see below right) which are applied directly to the lined product pipe. Perco can advise on the best sealing option for the host pipe to be relined.

Track record

PressureCIPP has been developed from the already proven EcoCIPP™ liner system. In 2006 alone over 250km were installed. The technology has been licensed throughout Europe, Asia and North America. PressureCIPP's pedigree and its roots in proven technology give specifiers the reassurance that the system provides a robust and reliable solution to pumping main rehabilitation.

A turnkey solution from Perco

PressureCIPP is only available from Perco Engineering Services. Our lining technicians have been extensively trained to install the PressureCIPP lining system under a wide range of conditions to ensure optimum results every time.

Perco provides a full turnkey installation package for utilities companies and contractors alike. This includes:

- Initial scheme assessment
- Feasibility study
- CCTV inspections and budgets
- Preliminary works
- Pipe relining
- Cutting out laterals
- Final inspection



PERCO the only big name trenchless technology contractor you will ever need.



At Perco we deliver complete turnkey solutions for every type of trenchless technology project. We provide full design and advice, preparation of all necessary enabling and reinstatement works, installation, commissioning and ongoing maintenance.

Our approach to trenchless technology gives clients and contractors greater advantage and control over project completion schedules.

- ✓ Augerboring
- ✓ Directional Drilling
- ✓ Rock Drilling
- ✓ Pipe Bursting
- ✓ CIPP Lining
- ✓ Shaft Sinking
- ✓ Pipejacking & Tunnelling
- ✓ Pigging
- ✓ Pipe Cleaning

For more information about PressureCIPP™ call:

01604 590200

or visit: www.perco.co.uk/pressurecipp



Perco Engineering Services Ltd
Cornhill Close, Lodge Farm Industrial Estate
Northampton NN5 7UB U.K.

Tel: 01604 590200 Fax: 01604 590201
Email: info@perco.co.uk Web: www.perco.co.uk

