



Breakthrough CIPP technology for your custom pressure sewer and non-potable water applications



Premier-Pipe now offers the most innovative CIPP custom solutions for internal pressure pipe applications, delivering fiberglass strength with traditional felt liner performance.



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In response to growing industry demand, Premier-Pipe offers the newest innovation in CIPP liners for force mains and other pressure pipe applications, including non-potable water. The Premier Pipe Tech Liner was developed with our support partner Applied Felts, the world's leader in CIPP technology specifically for applications that must withstand higher internal pressures and deliver the best possible performance.

In order for our liners to perform to your high standards, they must be custom designed to exacting specifications and installation requirements. With pressure pipe applications, diligence in assessing each unique CIPP project and providing custom liners that are value-engineered for each specific installation is more important than ever. We will work with you to understand variables such as internal operating and testing requirements, resin selection, appropriate layers of glass reinforcement and many other key factors in manufacturing your custom liners. Why do we do this? Because your success is our success.



Features:

- Constructed specifically for municipal sewer applications such as force mains, and can also be used for industrial purposes including fire water lines and more.
- Fiberglass reinforcement provides static, self-supporting properties.
- Can be engineered to have the pressure resistance of a stand-alone AWWA Class IV pipe.
- Maximum pressure will depend on size and design criteria, but typically pressures exceeding 150 PSI can be accommodated.
- The Premier Pipe Tech Liner uses virtually the same wet-out and installation procedures to ensure our crews are accustomed to the ease of install.
- Manufactured by the world's leader in CIPP solutions.



Product Specifications

Material	Multilayered Polyester Felt/Fiberglass Hybrid with Impermeable Coating
Pressure Range	Up to 200 PSI (1.38 Mpa)
Diameter Range	6 to 120 inches
Wall Thickness	5.5 to 25 mm
Coating Options	PU, PP or PE
Installation Method	Air and Water Inversion or Pull-In
Resin Type/Coating Type	Polyester, Vinylester or Epoxy
Preparation	High Pressure and/or Mechanical Cleaning

Sample Product Design

Host Pipe Diameter	24 inches (609.6 mm)
Wall	9 mm
Hoop Tensile Property	14,000 PSI
Long-Term Tensile Strength	6,000 PSI (41 Mpa)
Flexural Modulus	1 million
Internal Pressure Rating	125 PSI (0.87 Mpa) (8.7 Bar)
Safety Factor	2
Design Method	ASTM F1216
Long Term Retention	60%

Note: Design parameters including buckling, vacuum and empty conditions, among others, should be provided to assist us in recommending the most appropriate solution for your CIPP pressure pipe needs.

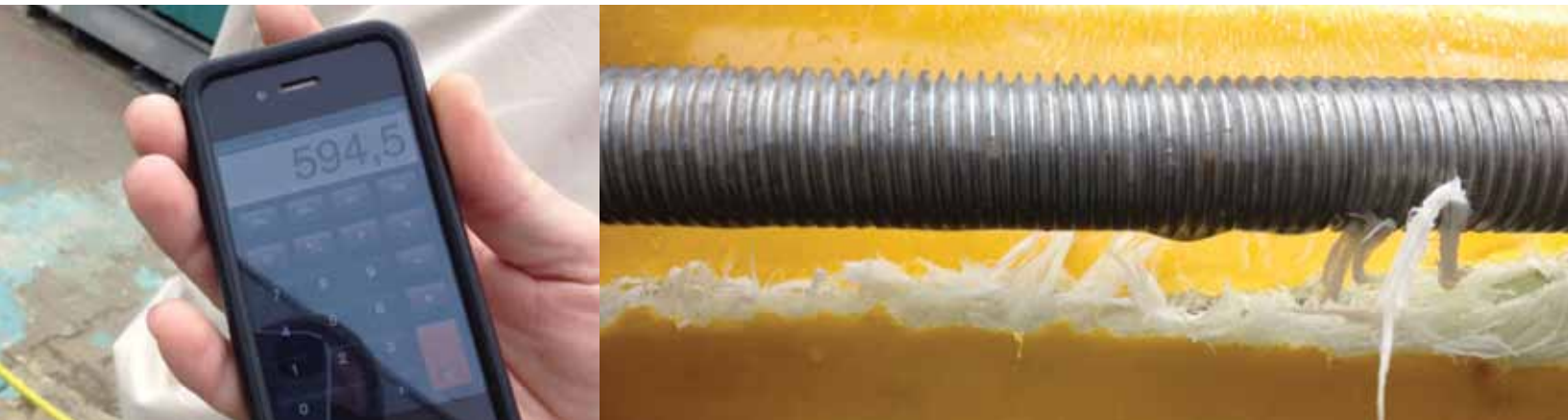
About Premier Pipe USA

Our experienced group of proven installers, staff professional engineers, ISO certified suppliers, well-trained crews and the best CIPP operation/project managers in the industry, have worked hard to make this the best lining process in the world.

We are a veteran group of individuals that knows what it takes to be the best at what we do. We are continuously looking for ideas and methods to make our product better. We also investigate and test out new materials that keep us on the cutting edge of the trenchless Industry.

For more information visit premierpipeusa.com

For technical assistance, pricing, and custom design calculations for your unique project, please contact us today.



Premier Pipe Tech Liner burst test with polyester resin.



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