



CIPP H₂O[®] PRESSURE LINER

**BREAKTHROUGH CIPP TECHNOLOGY FOR
POTABLE WATER APPLICATIONS**

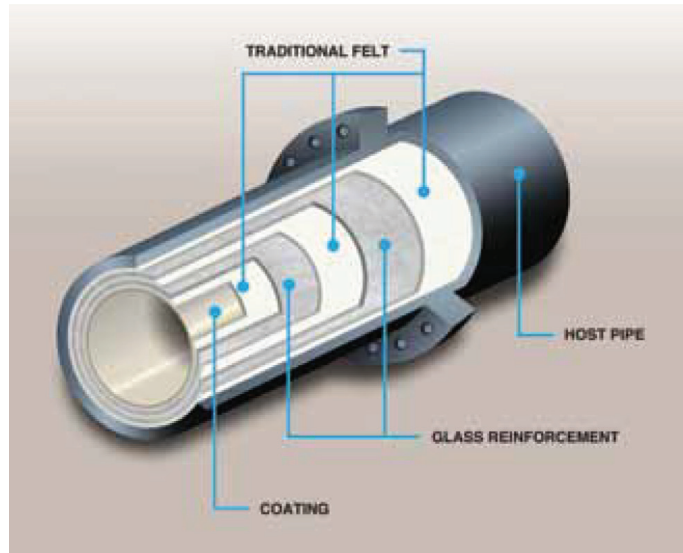
**CIPP H₂O PRESSURE LINER DELIVERS FIBERGLASS
STRENGTH WITH TRADITIONAL FELT LINER
PERFORMANCE TO PROVIDE THE MOST
INNOVATIVE CIPP CUSTOM SOLUTIONS FOR
POTABLE WATER APPLICATIONS.**





Growing Demand Response

In response to **growing demand**, CIPP Corp. offers the newest innovation in CIPP liners for potable water applications. **CIPP H₂O[®]** was developed in partnership with the world's leader in CIPP technology to incorporate quality liners with your NSF-certified system.



In order for our liners to perform to your high standards, they must be custom designed to exacting specifications and installation requirements. With potable water 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 pressure requirements, resin selection, appropriate layers of glass reinforcement and many other key factors in manufacturing your custom CIPP H₂O Liner. Why do we do this? Because your success is our success.

CIPP H₂O® PRESSURE LINER



FEATURES

- **Constructed for potable water applications that comply with NSF 61, BNQ and other applicable standards.**
- **Fiberglass reinforcement provides dynamic, self-supporting properties.**
- **Can be engineered to perform in pressure systems as 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.**
- **Uses trusted Industry leading designs and construction methods, so impregnation and installation is quick and easy.**
- **Manufactured in partnership with the world's leader in CIPP solutions.**

CIPP H₂O PRESSURE LINER PRODUCT SPECIFICATIONS

Material	Multilayer polyester felt/fiberglass hybrid liner with impermeable coating conforming to ASTM F1216, and certified by NSF 61 and BNQ Standards
Operating Pressure Rating	100 - 300 psi (0.7-2.0 MPa)
Burst Test Results	4,000 psi (27MPa)
Diameter Range	4 to 48 inches (101.6 to 1219.2 mm)
Wall Thickness	3.3 mm or greater
Coating Options	TPO
Installation Method	Inversion using water or air
Resin Type	Thermosetting resins meeting the requirements of NSF 61
Preparation	High Pressure and/or Mechanical Cleaning

CIPP H₂O PRESSURE LINER SAMPLE PRODUCT DESIGN

Host Pipe Diameter	24 inches (609.6 mm)
Wall	9 mm
Hoop Tensile Property	16,000 PSI (110 MPa)
Long-Term Tensile Strength	8,000 PSI (55 MPa)
Internal Pressure Rating	125 PSI (0.87 MPa) (8.7 Bar)
Safety Factor	2
Design Method	ASTM F1216

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.



CIPP Corp.

CIPP Corp. formulates and manufactures a family of specialty resins and liner tubes for Cured-In-Place Pipe (CIPP) applications. As a proven trenchless method, CIPP continues to improve in performance, quality and versatility in applications. When it comes the choice of materials to match your rehabilitation needs, CIPP Corp.'s liner and resin technology has raised the bar in both performance and selection.

