

About Applied Felts

As the world’s largest independent manufacturer of 100% vertically integrated quality liners, Applied Felts is accredited with ISO 9001:2008 and every phase of manufacturing – including our 28-stage QA/QC testing system – is done in one location, ensuring confidence that Applied Felts’ quality liners will stand the test of time.

A pioneer in cured-in-place pipe technology, Applied Felts has been used successfully for more than 35 years in quality installations that could circle the earth – twice – all without disrupting roads or other existing infrastructure.

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



AquaCure PW®

Breakthrough CIPP technology for potable water applications

AquaCure PW® delivers fiberglass strength with traditional felt liner performance to provide the most innovative CIPP custom solutions for potable water applications.

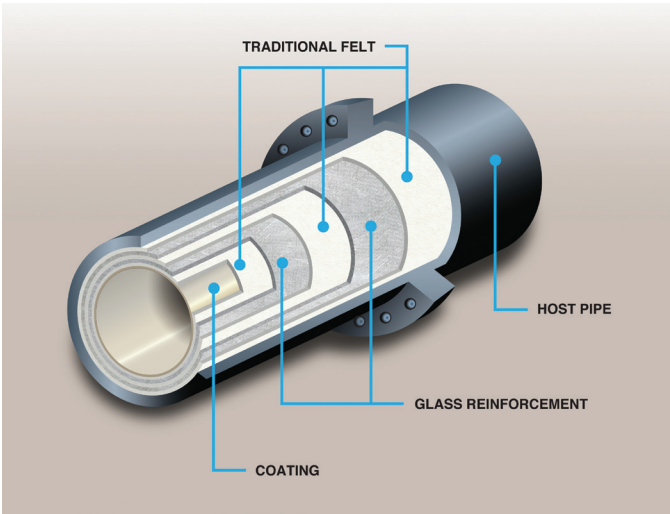


www.appliedfelts.com
UK: 44.1924.200535 / sales@appliedfelts.co.uk
US: 276.656.1904 / info@appliedfelts.com



In response to growing demand, Applied Felts offers the newest innovation in CIPP liners for potable water applications. AquaCure PW was developed by 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 AquaCure PW liners. Why do we do this? Because your success is our success.



- 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 deliver the same pressure ratings 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.
 - Uses trusted Applied Felts designs and construction methods, so impregnation and installation is quick and easy.
 - Manufactured by the world’s leader in CIPP solutions.

Product Specifications	
Material	Multilayer polyester felt/fiberglass hybrid liner with impermeable coating conforming to ASTM-1216, NSF-61 and BNQ Standards
Pressure Range	Up to 200 PSI (1.38 Mpa)
Diameter Range	6 to 48 inches (152.4 to 1219.2 mm)
Wall Thickness	3.3 to 25 mm
Coating Options	PP or PE
Installation Method	Inversion using water or air
Resin Type	Thermosetting resins meeting the requirements of NSF 61
Preparation	High Pressure and/or Mechanical Cleaning

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 potable water needs.