

AquaCure PS[®]

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

AquaCure PS[®] delivers fiberglass strength with traditional felt liner performance to provide the most innovative CIPP custom solutions for internal pressure pipe applications



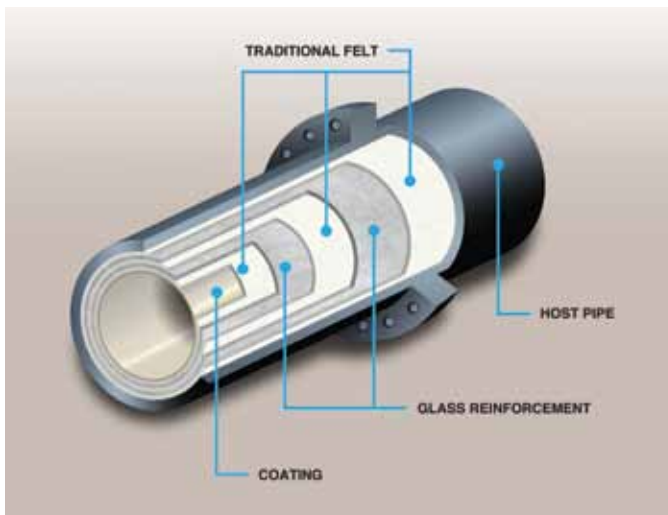
APPLIED FELTS

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In response to growing industry demand, Applied Felts offers the newest innovation in CIPP liners for force mains and other pressure pipe applications, including non-potable water. AquaCure PS was developed by 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 AquaCure PS 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.
- Uses trusted Applied Felts methods so installation is quick and easy.
- Manufactured by the world's leader in CIPP solutions.



ISO 9001:2008
FM 56735
FM 588513

Product Specifications	
Material	Multilayered Polyester Felt/Fiberglass Hybrid with Impermeable Coating
Pressure Range	Up to 200 PSI (1.38 Mpa)
Diameter Range	6 to 48 inches (152.4 to 1219.2 mm)
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	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	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.





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.



www.appliedfelts.com

UK: 44.1924.200535 / sales@appliedfelts.co.uk

US: 276.656.1904 / info@appliedfelts.com