



SOLUTIONS FOR STRUCTURAL REHABILITATION OF FIRE MAINS

BEFORE



AFTER



PTI Pressure is an approved installer of RS BlueLine® from HammerHead® Trenchless. RS BlueLine is a cured-in-place pipe (CIPP) system for the trenchless renovation of potable water mains and other water pressure systems.

PTI Pressure specializes in High-Pressure trenchless pipe lining, a modern solution for structurally rehabilitating aging and damaged Fire Service, Raw, and Potable Water Mains, faster, easier and with minimal disruption.

Extensive excavation was previously the only solution, not anymore! PTI Pressure's next-gen trenchless technology employs ASTM F1216 compliant cured-in-place-pipe lining (CIPP) using Class IV lining material for FM approved results. This state-of-the-art approach saves money, time and is minimally invasive, extending life use by 50 years plus, paving the way for sustainable infrastructure!

PTI Pressure's comprehensive CIPP solutions support a range of industries, including agricultural, commercial real estate, condominiums, government municipalities and universities. Based in South Florida, we serve clients across the state.



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SOLUTIONS FOR STRUCTURAL REHABILITATION OF FIRE MAINS

RS BLUELINE® LINING SYSTEMS

Firemain Repair



REHABILITATION OF UNDERGROUND FIRE SERVICE MAINS

RS BlueLine is a cured-in-place pipe (CIPP) system used to extend the useful life of existing underground fire service mains. CIPP trenchless technology consists of a flexible textile tube impregnated with a thermosetting epoxy resin that is installed and cured producing a new pipe within the existing pipe.

FEATURES OF RS BLUELINE

- Fits tightly to the interior of the existing pipe, sealing leaking joints and pit corrosion
- Prevents future internal corrosion and tuberculation
- Functions as an independent system capable of maintaining long-term internal pressure and all external loads without support of the existing pipe



APPLICATION RANGE

Pipe Material	All Types (DI, CI, AC, Steel, FRP, PVC)
Pipe Diameter	6 to 24 in. (150 to 600 mm)
Rated Working Pressure	155 to 335 psi – varies by diameter
Bends	Up to 45°
Continuous Length	Typical segment 100 to 500 ft. (30 to 152 m) – varies by pipe diameter, site conditions and existing pipeline configuration

TECHNICAL DATA

Tube Material	Multi-layered fiberglass reinforced polyester felt
Resin Material	Epoxy – VOC-free
Inner Coating Material	Polyolefin
Resin Impregnation	Meets or exceeds ASTM F2994
Installation Method	Air or water inversion per ASTM F1216
Curing Method	Controlled steam or hot water
End Terminations	Mechanical end seals
Certification – Potable Water	Certified to NSF/ANSI/CAN 61 by NSF International
Certifications – FM	Certified to FM Approval, Class 1616
Structural Classification – AWWA	Class IV – Fully structural pressure pipe lining



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