

The Future in Pipe Renovation™

Reduce your Pipe Repair Time By 80%



PipeMedic™ Pre-Cured SuperLaminate™



Manned-Entry Repair



The patent-pending PipeMedic™ system developed by Professor Mo Ehsani offers significant advantages over the conventional wet lay-up technique that has been used for over a decade to repair and strengthen pipes.

PipeMedic™ is a pre-cured sheet of laminated carbon FRP with tensile strength about 4 times that of steel. The sheets are up to 4 ft. wide x 300 ft. long and are coiled for transportation. Inside the pipe (or tank), the coil is released and PipeMedic™ snaps against the surface of the pipe like a loaded spring!

Bonding is achieved by applying a thin coat of epoxy to the back side of PipeMedic™.

Advantages:

- Continuous or spot repair
- One size fits all pipes 3-inch in diameter or larger
- Repair pipes without traffic disruptions
- Can be cut in the field to any width or length for easier handling
- Virtually no loss in diameter
- No annular space to grout
- Maintenance free

Unmanned-Entry Repair for 3" and Larger Pipes



Apply epoxy to PipeMedic™ & wrap around packer ...



Lower PipeMedic™ assembly into pipe...

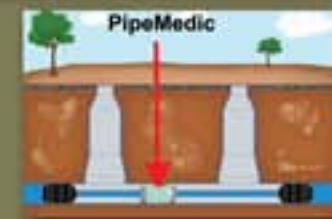


Guide to repair position w/ CCTV camera; inflate packer...



Allow epoxy to set; deflate & remove packer.

Eliminate Street-Level Bypass & Traffic Disruption



Sample Properties of PipeMedic™

Measurements per ASTM D303-09	PC40.2	PC26.16	PG16.15
Longitudinal Direction			
Tensile Strength (psi)	156,000	101,000	62,000
Modulus of Elasticity (ksi)	13,800	7,150	3,500
Transverse Direction			
Tensile Strength (psi)	9,300	64,000	60,000
Modulus of Elasticity (ksi)	1,190	2,940	3,650

PipeMedic™

(520) 829-0046 OR (888) 830-PIPE [7473]
www.PipeMedic.com

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www.SuperLaminate.com
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