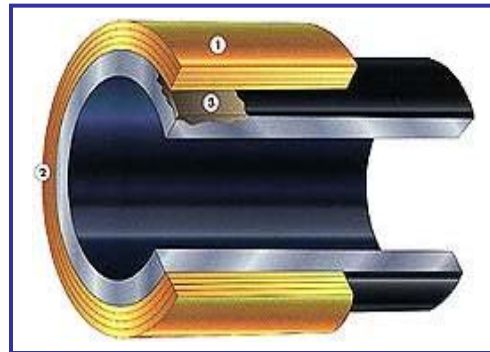


CLOCK SPRING® LEAK REPAIR SYSTEM

Clock Spring® Leak Repair System refers to a repair system for leaking defects. It consists of a patented material to seal the leak and a composite over wrap to reinforce the damaged area. This combination of material provides an effective means of repairing leaks in pipelines and pipe works.

- Based on Clock Spring® technology
- Patented high-strength composite
- Patented adhesive and filler
- Patented sealing material
- Split sleeve for easy installation
- 60 minutes to complete repair
- Pressure up to 500 psi (34.5 bar)
- One-person installation
- Fast, economical, safe



- No hot work
- No heavy equipment
- No skilled labor



- Safe



- Environmentally safe



- 30 minute installation time

Simply the smartest pipeline repair decision you can make!

Clock Spring®

Leak Repair System

Product Specification

For the repair of leaking defects in pipes and pipe works.

Operating Specification	Units	
Operating pressure	psi (MPa)	500 (3.4)
Service temperature	° F (° C)	-20 to 180 (-29 to 82)
Composite Sleeve		
Configuration	4 wrap, split sleeve	
Construction	e-glass / Polyester resin matrix	
Adhesive specification		
Lap shear strength	psi (MPa)	1200 (8.27)
Cure time	Hours	2
Operating temperature	° F (° C)	-67 to 250 (-55 to 121)
Filler specification		
Compressive strength	psi (MPa)	8000 (55.2)
Cure time	Hours	2
Operating temperature	° F (° C)	-67 to 250 (-55 to 121)
Sealing material		
Pressure rating	psi (MPa)	750 (5.2)
Operating temperature	° F (° C)	-40 to 230 (-40 to 110)

In addition to providing a permanent repair for leaking defects in mainline pipe, the Clock Spring® Leak Repair System can also be used to repair leaking defects in irregular shapes, bends, fittings, tees and other difficult repair applications. In these applications, a fiberglass tape provides the reinforcement.



- **Safe**

- **Requires minimum clearance**



- **Fast**
- **Economical**

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