



CLOCK SPRING® PS

Pipe Support

Clock Spring® Pipe Support (PS) provides effective protection at support or hanger locations and can be applied quickly and easily – requiring no special tools or training. The composite sleeves form a sacrificial wear surface to protect the pipe from wear and corrosion.

Clock Spring® PS is a high strength corrosion resistant fiberglass and resin composite sleeve, a high performance adhesive and a filler material. The composite split sleeves are uniquely shaped and sized to wrap around pipe diameters of 0.75" (19 mm) to 52" (1320.8 mm). The individual layers are bonded together and to the pipe resulting in a laminate thickness of approximately 0.125-inches (3 mm).



Clock Spring repairs are fast, economical, safe and easy. Since no cutting or welding is required, there is no risk to the pipeline or environment, no release of greenhouse gases or waste disposal issues.

It is simply the smartest pipeline repair decision you can make!

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Clock Spring® Pipe Reinforcement and Repair System Product Specification Sheet

I.	Sleeve Specifications	
	Use	Designed as a full encirclement wrap to provide a wear surface and eliminate crevice corrosion the pipe / support interface.
	Number of Wraps	3-wraps - standard configuration. Can be varied depending on specific application.
	Nominal Thickness	0.125-inches (3 mm)
	Application Temperature	0° F – 170° F (-18° C – 77° C)
	Service Temperature	-20° F – 170° F (-29° C – 77° C) For temperatures below -20° F (-29° C) contact manufacturer.
	Material	E-glass and Polyester resin
	Width	11.5" ± 0.5" (292 mm ± 13 mm)
II.	Adhesive Specification	
	Lap Shear Strength	>1200 psi (8.27 MPa)
	Shelf Life	12 months from date of manufacture
III.	Filler Specification	
	Compressive strength	>8000 psi (55 MPa)
	Shelf Life	12 months from date of manufacture
IV.	Activator Specification	
	Shelf Life	12 months from date of manufacture Refrigeration at 38-52° F (3-11° C) will extend material shelf life an additional 3 months.

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