



CLOCK SPRING® SW

Snap Wrap

Clock Spring® Snap Wrap (SW) is an economical repair alternative for pipelines operating at less than 500 psi (3.45 MPa). The Snap Wrap repair is comprised of multiple layers of a composite split-sleeve, the Clock Spring® high-strength filler material and the Clock Spring® adhesive. The individual layers of the repair are bonded together, and to the pipe surface to restore serviceability. Clock Spring® SW can be used to permanently repair external blunt defects with a depth of less than 90% of the nominal wall thickness.

Clock Spring® SW 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 56" (1524 mm). The individual layers are bonded together and to the pipe to fully restore serviceability.



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!

www.clockspring.com

Clock Spring® Pipe Reinforcement and Repair System Product Specification Sheet

I.	Sleeve Specifications	
	Use	Designed to repair/reinforce damaged or corroded sections of pipe operating at less than 500 psi (3.45 MPa) with up to 90% nominal wall metal loss.
	Number of Wraps	8-wraps for pipe diameter 6-inch (152 mm) and less 4-wraps for pipe diameters > 6-inches (152 mm)
	Nominal Thickness	0.375-inches (9 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.

Simply the smartest pipeline repair decision you can make!



**Clock Spring Company L.P. • 14107 Interdrive West • Houston, Texas, 77032
Telephone 281.590.8491 • 800.471.0060 • Fax 281.590.9528 • sales@clockspring.com**

**Clock Spring UK • 4A The Causeway, Godmanchester,
Huntingdon, Cambs, PE29 2HA, England
Telephone 011 44 1480 414 703 • Fax 011 44 1480 414 705 • sales@clockspringuk.com**

www.clockspring.com