



Snap Wrap

CSNRI Snap Wrap is a multi-layered system of high-strength, corrosion-resistant fiberglass that forms a composite split sleeve. Designed for repair and reinforcement in tight quarters, on pipe that is difficult to access, and on subsea pipe, it is installed with a high-performance adhesive and filler material and works best on pipe operating to <1,000 psi.

The split sleeves can be applied quickly and easily even in challenging environments, such as underwater, in splash zones, and on pipe racks with limited clearance, and require no cutting, welding, or special tools.

Applications

- Low-pressure lines <1,000 psi
- Tight access areas
- Local distribution and terminal pipelines
- Process piping
- Subsea and offshore risers

Features

- Corrosion resistance
- ¾ inch to 56-inch diameter
- Pressure or structural reinforcement
- Compliant to DOT regulations, ASME B31, .8, .4, G and PCC-2 Art 4.1, 4.2 and API 570 [Refer to API 570, Section 8.1.4 - Non-welding Repairs (On-Stream)]

BENEFITS:

- Eliminates unplanned down time
- Extends the life of aging and corroding assets
- Prevents future external corrosion
- No pipe cutting or welding
- No special tools to install
- No environmental hazards
- No hot work



QUALIFICATION DATA

MATERIAL (RESIN)	POLYESTER (STANDARD)	VINYL ESTER (HIGH TEMP)
Service Temperature Range	-60°F to 158°F (-51°C to 70°C)	-60°F to 248°F (-51°C to 120°C)
Application Temperature Range	-40°F to 120°F (-40°C to 48°C)	-40°F to 180°F (-40°C to 82°C)

PROPERTIES	VALUE
Nominal Sleeve Thickness	0.25 inch (6.35 mm)
Sleeve Width	12 inches (305 mm)
Filler Compressive Strength	12,500 psi (86.8 MPa)
Adhesive Lap Shear Strength	1,200 psi (8.4 MPa)

Warranty: ClockSpring|NRI routinely implements product improvements. Please contact your local distributor or office for the most current product specifications. ClockSpring|NRI warrants the quality of this product when used according to directions.



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