



Pipe Support

Clock Spring Pipe Support corrosion prevention system is ideal for terminals, plants, refineries, new pipeline construction, and any pipe support location.

As a derivative to the original Clock Spring product, the robust layers of the Pipe Support system create a sacrificial wear plate, eliminating both crevice and galvanic corrosion. The repair accommodates both the weight of the pipe as well as abrasion from potential pipe movement. The external resin/biaxial glass layer acts as a bearing surface that protects the inner layers from wear. These products have been in active service for nearly 25 years in various environments and in many specialized applications.

Clock Spring Pipe Support provides effective protection at support or hanger locations and can be applied quickly and easily-requiring no special tools or training.

Clock Spring Pipe Support is a high-strength, corrosion resistant fiberglass composite sleeve, installed with a high performance adhesive and a filler material.

SLEEVE INSTALLS BETWEEN SUPPORT CLAMP & PIPE

The universal application design of Clock Spring Pipe Support sleeves allow for installation between virtually any style and type of support or hanger location.

PIPE SUPPORT EROSION PROTECTION

The Clock Spring Pipe Support continues to provide protection in applications where the pipe continues to be subject to movement, elongation, and other physical abuse.

PIPE SUPPORT BENEFITS:

- Pre-cured sleeve
- ¾"-56" diameter
- Individual layers with architecture appropriate for pipe diameter
- Meets regulatory requirements for above-ground Atmospheric Corrosion Evaluation
- 360° pipe protection





Sleeve Specifications	Use	Designed as a full encirclement wrap to provide wear surface and eliminate crevice corrosion at pipe support interface.		
	Standard Configuration	Two (2) layers of uni-directional plus One (1) layer of bi-directional fiberglass reinforced composite.		
	Nominal Thickness	0.156"/4mm		
	Material (Resin)	Polyester (Standard)	Vinyl Ester (High Temp)	
	Service Temperature Range	-51 C to 70 C (-60 F to 158 F)	-51 C to 120 C (-60 F to 248 F)	
	Application Temperature Range	-40 C to 48 C (-40 F to 120 F)	-40 C to 82 C (-40 F to 180 F)	
	Material	Fiberglass and Polyester/Vinyl Ester Resin		
Adhesive Specs	Width	305 mm (12 inches) 1'		
	Lap Shear Strength	>1200 PSI		
Filler Specs	Shelf Life	12 Months from Date of Manufacture		
	Compressive Strength	>12,500 PSI		
	Shelf Life	12 Months from Date of Manufacture		
Activator Specs	Shelf Life	12 Months from Date of Manufacture [Refrigeration at 38°F-52°F / 3°C -11°C Will Extend Material Shelf Life an Additional Three (3) Months]		

Clock Spring is a licensed trademark of NCF Industries, Inc.

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