CSNRI®

Pipe Sock™

The Pipe Sock system, a patented technology, is superior in performance to similar products, through its ability to resolve problems associated with crevice corrosion resulting from coating failure due to direct metal-to-metal contact. It consists of pre-formed size specific fiberglass wear pad and a protective modified syl polymer adhesive coating system (Black Magic™) resulting in a high strength crevice corrosion solution.

The Pipe Sock system offers a complete non-intrusive piping remediation with the flexibility of accommodating various temperature requirements.

APPLICATIONS

The system is ideal for all pipe support applications where metal-to-metal contact and crevice corrosion can occur:

- Wear Pads
- Pipe Supports
- Clamps
- Pipe Isolators
- Pipe Protectors
- Sleepers

BENEFITS:

- Stop crevice corrosion due to coating failures
- Easy to install with minimal surface prep
- No mixing or special equipment
- Prevents metal-to-metal contact
- Compatible with cathodic protection

Patent US 8,087,431

QUALIFICATION DATA

MECHANICAL PROPERTIES - WEAR PAD	UNITS	METHOD	VALUES
Pad Color			Gray
Pad Thickness	Inches		0.25
Tensile Strength	PSI	D3039	54,000
Tensile Modulus	PSI	D3039	3.08 x 106
Interlaminar Shear Strength	PSI	D3165-07	8,200
Compressive Strength	PSI	D695	28,500
Barcol Hardness		D-2583	53
Glass Transition		ISO 11357-2	302°F

PHYSICAL PROPERTIES - ADHESIVE	UNITS	METHOD	VALUES
Color			Black
Elongation	%	DIN 53505	225
Tensile Strength	PSI	DIN 53504	420
Hardness	Shore D	DIN 53505	65
Volume Resistivity	OHM inch	DIN 53482	>398

GENERAL PROPERTIES - ADHESIVE	
Maximum Temperature Resistance	250°F
Shelf Life	18 months if stored between 40°F - 80°F
Application Conditions	Temperatures between 41°F-95°F

WARRANTY CSNRI routinely implements product improvements. Please contact your local distributor or office for the most current product specifications. CSNRI warrants the quality of this product when used according to directions.

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