CSNRI®

Pipe Wrap®

The Pipe Wrap system is a fast, easy to use, durable, and cost-effective temporary emergency pipe repair solution. This resin-impregnated glass fiber cloth adheres to PVC, fiberglass, concrete, and all metal pipes. The Pipe Wrap system is resistant to most harsh chemicals and thermally stable at elevated temperatures. The system repairs leaks up to 450 psi, reinforces pipes, and protects against corrosion, abrasion and impact. System requires piping to be de-pressurized during application.

Applications

The system is widely used for temporary and semipermanent leak repairs and surface protection.
The system is used heavily in tough process piping applications, including:

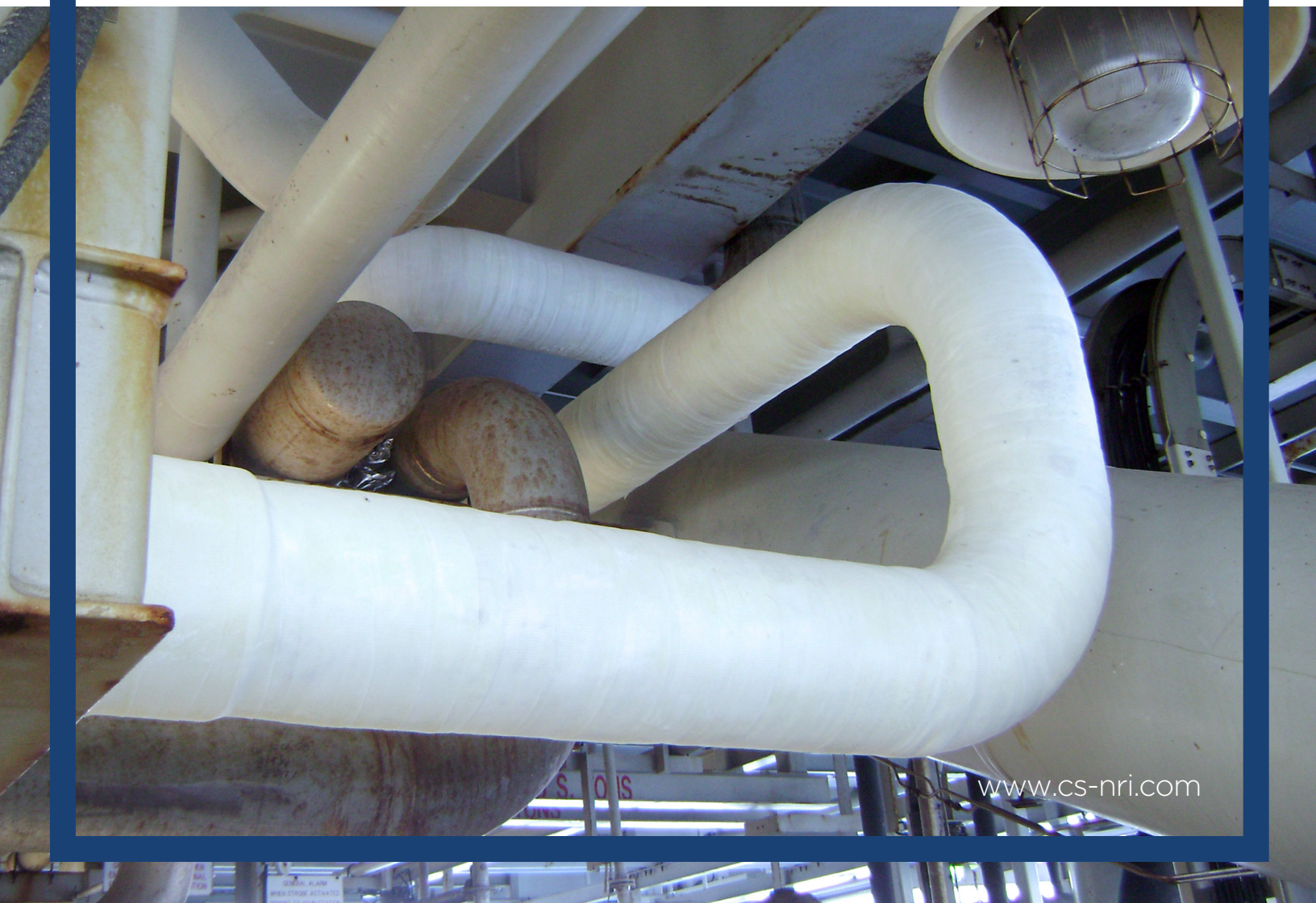
- Petroleum refineries
- Chemical handling
- Mining

Storage

2 year shelf life when stored @ 75 °F. Shelf Life may be extended when stored at lower temperatures, but above 40 °F.

BENEFITS:

- Emergency offline leak repair
- Drinking water safe
- Bonds to any pipe
- Quick to set and easy to use



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MECHANICAL PROPERTIES	UNITS	METHOD	VALUES
Application Time			3-5 minutes
Thermal Stability			up to 400°F
Tensile Modulus	PSI	D638	659, 206
Tensile Elongation	%	D638	1.2 ± 0.7
Coefficient of Expansion	(°c-1)	D696	1.92 x 10-5 ± 0.17 x10-5
Compression Modulus	PSI	D695	53,448.44 ± 4779.70
Compression Strength	PSI	D695	13,754.48 ± 539.15
Thermal Expansion		E831-6	84 (um/m/°F) 28.8 (um/m/°C)
Poisson's Ratio		D3039-00	.150

PHYSICAL PROPERTIES	
Stocked Width	2", 4", 5" & 6"
Fabric Orientation	Bi-axial 0° And 90°
Cure Ply Thickness	0.019 in (19 Mils) (0.48mm)

GENERAL PROPERTIES	
Cure Time	30 Minutes between 50°F & 80°F
Chemical Resistance	Hydrochloric Acid 10%, Ammonia Sulfuric Acid 35%, Mek, Diesel, Ethyl Alcohol Ethylene Glycol, Acetone, Gasoline, Toluene, Xylenes, Crude Oil
Application Conditions Above	45° F (7° C) up to 120° F (49° C)

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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