



# ***COMPOSITE SOLUTIONS FOR PROCESS PIPING***

# WHO WE ARE

CSNRI is the leader of innovative composite repair and maintenance solutions. We simplify asset and environmental stewardship and help drive global economies, delivering safe, sustainable solutions for the construction, maintenance, and emergency repair of critical infrastructure. Our composite construction and repair solutions have been deployed in 75 countries and include industry standard products such as Clock Spring, Atlas, A+ Wrap, SynthoGlass XT, ThermoWrap, and DiamondWrap composite products.

We support our products with best-in-class design, engineering, testing, and training services to ensure proper installation and optimal performance. Our industry-leading products are **easy to install, cost-effective to deploy, and durable for decades.**

## INDUSTRY-LEADING SOLUTIONS FOR PROCESS PIPING

CSNRI process piping solutions are the most robust in the industry, addressing the full spectrum of plant and refinery repair conditions from -50 to 597°F (-46 to 314°C). Our emergency leak and structural repair products are designed for unique geometries and complex piping scenarios and meet all state and federal requirements for permanent solutions.

### ADDRESSABLE DEFECTS

- Internal/External Corrosion
- Corrosion Under Insulation (CUI)
- Soil-to-air Interface
- Leak Sealing
- Dents
- Weld Defects
- Abrasion
- Cracks

### APPLICATIONS

- Cooling Water Lines
- Flare Lines
- Blow down Lines
- Chemical Processing Lines
- Oil and Gas Risers
- Steel Pipe
- Steam Piping
- Underwater Pipeline
- Storage Tanks and Vessels



### TECHNICAL SUPPORT

- Deliver in-field training and support
- Provide responsive and on-demand service



### ENGINEERING EXPERTISE

- Assess challenges and recommend customized solutions
- Leverage multiple technology platforms with delivery systems
- Provide in-depth documentation and third-party validation



### PROJECT OPTIMIZATION

- Lower total project cost
- Improve contractor productivity
- Extend life cycle



## COOLING WATER LINE REPAIR



## LEAK REPAIR



## CORROSION UNDER INSULATION (CUI) REPAIR



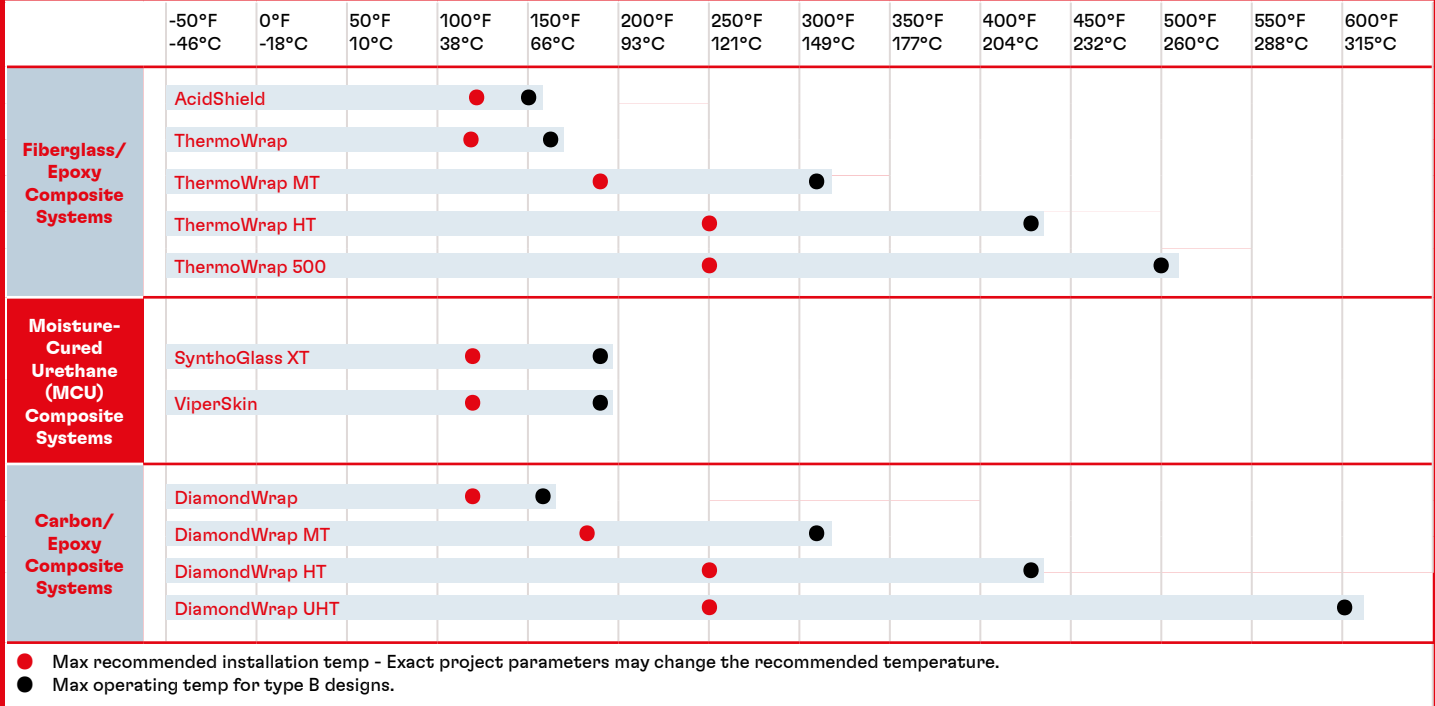
## TANK REPAIR



*For information on our full range of superior solutions, please contact your local representative.*



## PROCESS PIPING PRODUCTS



[www.CSNRIcomposites.com](http://www.CSNRIcomposites.com)

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