



TridentWrap®

The TridentWrap® riser reinforcement kit has been pre-engineered to repair non-leaking natural gas risers exhibiting wall loss up to 80% at <300 psi (20.7 bar) while eliminating atmospheric corrosion. With 8 layers, this system enables corroded piping to be repaired without shutdown while bringing the section of pipe back to full operating capacity.



APPLICATIONS

- Corrosion repair on natural gas piping
- Atmospheric corrosion
- Riser reinforcement
- New or old riser assemblies
- Corrosion protection
- Coating repair
- Integrity management
- Air to soil interface



COMPLIANT WITH:

(standards/regulations)

- ASME PCC-2
- ASME B31
- ISO 24817
- DOT
- API
- CSA Z662

BENEFITS:

- Ready to use
- Conforms to irregular shapes
- Saves time
- Simple application
- Prevents future external corrosion
- No pipe replacement
- No shutdown or relights
- No special tools to install
- No hot work
- No contractor required
- No environmental hazards
- Quick and easy installation

MECHANICAL PROPERTIES

TEST	METHOD	RESULTS
Tensile Strength	ASTM D3039	Hoop: 53.3 ksi (367 MPa) Axial: 23.8 ksi (164 MPa)
Tensile Modulus	ASTM D3039	Hoop: 3.68 Msi (25.4 GPa) Axial: 1.75 Msi (12.1 GPa)
Lap Shear Strength	ASTM D3165	1,570 psi (10.8 MPa)
Hardness (Shore D)	ASTM D2583	75

PHYSICAL PROPERTIES

PROPERTIES	VALUE
VOCs	None
Service Temperature	-50°F to 195°F (-46°C to 91°C)
Application Temperature	40°F to 150°F (5°C to 66°C)
Shelf Life	12 Months with recommended storage methods

PRODUCT INFORMATION

ITEM#	DESCRIPTION
TWR001	Riser repair kit 1 in. OD x 1 ft (25.4mm x 30.5cm)
TWR002	Riser repair kit 2 in. OD x 1 ft (50.8mm x 30.5cm)
TWR004	Riser repair kit 4 in. OD x 1 ft (101.6mm x 30.5cm)
TWR006	Riser repair kit 6 in. OD x 1 ft (152.4mm x 30.5cm)
TWR008	Riser repair kit 8 in. OD x 1 ft (203.2mm x 30.5cm)

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.

PS_0821

ISO 9001 Certified