



# PROCESS PIPE REPAIR & RENEWAL SYSTEMS

## StrongPIPE® V-Wrap™ Composites



STRUCTURAL TECHNOLOGIES provides a robust line of piping repair composite systems which can be used for moisture resistance. Our systems comply with ASME PCC-2 standards and are ICC ESR-3606 certified.

For these specialized applications, we use our products in combination with our certified installation capabilities of our specialty contracting companies to provide a single source approach to increasing the reliability of your process piping systems.

### Applications:

- Process piping
- Transmission & distribution piping
- Chemicals, oil, gases, water & steam lines
- Flares & blowdowns
- Girth welds on vessels & pipelines, straights, elbows, tees, reducers



	V-Wrap™ EG50	V-Wrap™ EG50B	V-Wrap™ C200HM	V-Wrap™ C400HM
Description	Field-saturated, uni-directional glass composite system used to repair internal and external corrosion. Low-cost system used for leaking lines and temporary repairs.	Field-saturated, bi-directional glass composite system used to repair internal and external corrosion. Low-cost system used for rapid, temporary repairs.	Field-saturated, uni-directional carbon fiber composite system used to repair internal and external corrosion. Fully structural for long term repairs.	Field-saturated, uni-directional heavy weight carbon fiber composite system used to repair internal and external corrosion. For rapid repairs requiring structural upgrade for long term service.
Typical Applications	<ul style="list-style-type: none"> <li>• Chemical processing lines</li> <li>• Girth welds, straight segments</li> <li>• Low temperature environments</li> </ul>	<ul style="list-style-type: none"> <li>• Chemical processing lines</li> <li>• Girth welds, straights, elbows, tees</li> </ul>	<ul style="list-style-type: none"> <li>• Transmission &amp; distribution pipelines, chemical processing lines</li> <li>• Long term service capability, can be designed as equivalent to replacement</li> <li>• Mechanical dents and defects</li> </ul>	<ul style="list-style-type: none"> <li>• Rapid repair of transmission &amp; distribution pipelines, chemical processing lines</li> <li>• Long term service capability, can be designed as equivalent to replacement</li> <li>• Girth welds, straights, elbows, tees</li> </ul>
Application Temperature	50° to 90°F	50° to 90°F	40° to 100°F	40° to 100°F
Operating Temperature	-50° to 140°F	-50° to 140°F	-50° to 150°F	-50° to 150°F