



AN ENGINEERING DESIGN SOLUTION FOR THE OFFSHORE OIL AND GAS INDUSTRY



DESCRIPTION

The Diamond Wrap® system includes a bidirectional weave of carbon fiber and a 100% solids epoxy, forming a composite system that is stronger than steel. The structural system forms a pipe around a pipe, and each successive wrap increases the pressure rating. Its bidirectional weave allows for strength in both the hoop and axial directions experiencing little or no creep properties over time, ensuring that there is no reduction in strength. Because of its low profile, Diamond Wrap® can be installed on tees, elbows, straight runs of pipe, confined spaces and irregular surfaces that require structural reinforcement or leak containment. The adhesive properties of the epoxy allow it to be applied to most substrates.

CONVENIENT AND COST EFFECTIVE

Diamond Wrap® applications save time, labor and equipment costs. In most cases there is no plant downtime. Pipes can be wrapped while the line is in service, requiring no line evacuation, no welding of pipe, no need to cut the pipe, no heavy equipment handling requirements and no volatile compounds.

FEATURES

- No hot works / No welding
- High strength / Low profile
- Engineered complete kits
- Highly chemical resistant
- Able to withstand high temps
- Fast curing / No VOCs
- Economical
- Highly tested in lab and field



Citadel Technologies works in conjunction with Remote Access Technologies to provide the offshore industry with a cost effective solution to repairs that require access to the most remote locations.