

TankWrap™ is a high strength carbon fiber composite system designed for API 653 compliant repairs of aboveground storage tank. TankWrap™ can be applied to shells and roofs to restore integrity lost due to corrosion, further extending the life of critical tank assets. TankWrap™ repair recommendations are fully supported with structural calculations performed by licensed professional engineers specializing in composite designs.

Durability

TankWrap™ has a proven +20-year in-service history, built on extensive durability testing in +300 chemicals and 20,000 hours of accelerated testing in acids, caustics, seawater, ultraviolet (UV) radiation and biologically active environments.

Specialized Systems

TankWrap™ can be further protected against the harshest of environments using ChemSeal™ coatings and liners. ChemSeal™ Coatings & Liners can provide API 652 compliant systems for Floors in applications requiring NSF-61 Drinking Water, or FDA Food Safe approvals. TankPatch™ is a pre-engineered system that can be utilized for smaller localized repair of shell and roofs.

Additional Protection

- 1 to 3 hour fire protection per UL-1709.
- Hurricane projectiles and ballistics protection
- TankWrap™ can be designed to dissipate static electricity (ESD) for use in intrinsically safe environments in order to maintain compliance with NFPA 68 and 69 standards

Common Applications

- API 650 Petroleum Storage Tanks
- API 653 compliant repairs
- Wastewater Tanks
- Acid Tanks
- Caustic Tanks
- Shell thinning
- Internal / External Corrosion
- Shell Plate-Weld defects

Benefits

- Structural restoration for hoop forces
- Unmatched Strength per ply = less layers, reduced cost and faster installations
- Ambient Cured
- Wide range of temperature and chemical resistance
- Can be applied as a patch, band or full confinement

