



Carbon-Ply Composite Repair System

Why should I specify and use the Carbon-Ply Composite Repair System?

The Carbon-Ply Composite Pipe Repair System is the only cast-in-place monolithic composite repair system in the world. The Carbon-Ply Composite Repair System is covered by national and international patents.

- ❖ Totally monolithic cast-in-place repair.
- ❖ Fool-proof pressure saturation of the carbon reinforcing fabric.
- ❖ Can be used above ground and is UV resistant with no UV deterioration.
- ❖ High service temperature of 400F°, 204C° with no post-curing requirement.
- ❖ Fast curing with return to 100% of operation service within three hours of beginning of installation.
- ❖ No messy roll-on or painting of resins or adhesives to accomplish fabric saturation.
- ❖ Carbon-Ply is monolithic – No laminates to delaminate.

- ❖ Appropriate for application on pipe with up to 80% of external wall loss due to third party damage or corrosion.
- ❖ Impact resistant.
- ❖ **No** noxious odors or harmful vapors like all others.
- ❖ Any length repair without spiral wrapping issues.
- ❖ Immediate return to service and backfilling.
- ❖ The most simplistic, easiest to install composite system in the world.
- ❖ Makes all other composites totally obsolete.
- ❖ Easy to install dry-wrap method, no hand painting or roll-on saturation.
- ❖ High modulus repair – best in industry.
- ❖ Minimal training.
- ❖ Small excavation.

Carbon-ply has been independently tested and certified to meet or exceed the latest version of ASME PCC-2: B31G, B31-1, B31-3, B31-4, B31-8, ISO 15649 and ISO 13623 and complies with PHMSA/DOT regulations.

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