



We, the Doers

Building quality from the inside out

Fiberglass containment systems

Our Fiber Glass Systems team puts quality first in everything they do, and our tanks and pipe are a testament to their dedication. From precise manufacturing techniques to our accurate testing and curing processes, we build quality from the inside out so you can have peace of mind for your fuel handling needs.

We use the industry's only computer-controlled, automated tank manufacturing process and proprietary software to ensure consistent material application and wall thickness for the entire tank. Using an innovative collapsible-steel mold, our tanks are built to exact specifications from the inside out, which guarantees a smooth, well-cured, resin-rich interior surface with a dense and consistent laminate. We conduct hundreds of internal and external checkpoints using a Fischer Scope, which is six-times more accurate than ultrasound testing methods when confirming laminate thickness.

Our one-step curing process does not expose the interior surface of the tank to air as it cures, and it does not require added wax coatings, which can create filaments on the inner surface that can contaminate your critical fluids.

Quality has always been a pillar on which we've built our success. We're proud to be a name you've trusted for more than 25 years, and we're keeping our promise of quality with every tank we deliver.

Specifications

Double-wall underground storage tanks:

- UL1316 listed
- Size range: (ft/diameter): 4, 6, 8, 10, 12
- Capacity: 550 to 60,000 gal (2,000 to 227,000 L)

Fiber Glass Systems CSI tank family of products:

- HydroGuard® system
- Double-wall tanks
- Compartment tanks
- Triple-wall tanks
- Tank sumps
- Riser pipes
- And more...

We, the Doers

Building quality from the inside out

Fiberglass piping systems

With the same attention to quality we apply to our tanks, our Red Thread™ IIA, Dualoy™ 3000/L, and Dualoy 3000/LCX UL-971 listed fiberglass pipe is also built from the inside out, using high-quality epoxy resin on precision mandrel systems. Our pipes have a consistent, resin-rich interior surface, and their inner diameters are larger than other piping materials, which means you experience smaller pressure drops, lower pumping costs, and more fuel to the dispensers.

Our manufacturing process has been enhanced so that the internal diameter of our 2-in. pipe actually measures about 2¼ in., which provides over 80% more flow area than 1¾-in. pipe and over 150% more flow area than 1½-in. pipe from the competition. The larger flow area of our fiberglass pipe provides greater hydraulic efficiency, allowing you to install smaller pumps and lower your pumping costs.

You don't want filaments or wax coatings contaminating your critical fluids, so we use similar manufacturing and curing processes as those for our tank systems. This creates a smooth interior diameter for our fiberglass pipe, which helps to ensure maximum flow rate and reduces the potential for corrosion. Our pipe is also designed to be compatible with today's fuel blends, and the premium epoxy/fiberglass materials mean future fuel blends won't be an issue, thereby avoiding the need to remove and reinstall pipe.

When combined with our precisely built tanks, our fiberglass pipe completes a reliable fuel handling system that offers a lower total cost of ownership when it comes to installation, operation, and maintenance.

UL-listed pipe specifications

Red Thread IIA pipe

- Size range: 2 to 36 in.
- API 15LR design
- Pressure ratings: 225 to 450 psig
- Temperature ratings: Up to 210°F (99°C)
- Fittings: Threaded and bonded (TAB) or matched taper bell and spigot adhesive bonded

Dualoy 3000/L fiberglass pipe

- Size range: 2 to 6 in.
- Inner corrosion barrier: Resin-rich liner
- Pressure ratings: 140 to 200 psig
- Fittings: Bell and spigot compression molded

Dualoy 3000/LCX coaxial double-wall pipe

- Size range: 2 to 4 in.
- Inner corrosion barrier: Resin-rich liner
- Pressure ratings: 140 to 200 psi
- Primary fittings: Bell and spigot
- Temperature range: -40 to 150°F (65°C)