

Serving Customers Around The Corner And Around The World

Custom Fab is recognized as a market leader in the fabrication, lining and coating of Ductile Iron, Steel and Stainless Steel piping systems for the Waterworks Industry.

With over fifty years of in-house experience, Custom Fab has built a reputation for providing the finest quality products available, backed by an unsurpassed dedication to superior customer service.

Products meet or exceed Industry Standards such as; AWWA, ANSI, ASTM, A.S.A. etc.

As the first Fabricator licensed to apply Protecto 401 to fittings, Custom Fab has earned the trust and respect of International Suppliers. They bring extensive experience and understanding to the process and the needs of specifiers, engineers and distributors.

In an ongoing effort to provide customers with a more diverse range of superior products, Custom Fab has taken the initiative of building a state-of-the-art glass lining facility in Arizona.

Custom Fab spent years researching processes, equipment, materials and possible locations in which to build the facility. Custom Fab brought in the best minds in the business to help plan, develop and run the new Glass Lining operation.



The Confidence of Experience

Custom Fab's team of experts represent over 100 years of experience in the glass lining industry, providing an unmatched level of professionalism and knowledge.

The team comes from such companies as VITCO Corporation, KMI Systems, Ferro Corporation, and the Williams Furnace Company. Combined with our own team of experts, this makes for one of the strongest collaborations in the Glass Lining Industry.



Bob Hollenbaugh
Sales Engineer

Municipalities trust the Custom Fab name and recognize the vast experience they have with high temperature lining products.

Custom Fab's CF-58™ Glass Lining

Utilizing a unique two coat process identical to the system Peter Pace, (Glass Lining Operations Manager), used at Vitco, allows Custom Fab to achieve a level of quality product that meets or exceeds industry standards. Our CF-58™ (green) glass lined pipe is Holiday tested by applying a 67.5 volt potential current across the glass lining. All products are tested per the recommended industry standards under ASTM D-5162-01, NACE RP 0188-99, and SSPC Coating Manual, Volume XIV for lining continuity and integrity. (See data sheets for further information.)

Custom Fab's CF-58™ is setting the new standard of Glass Lining quality in the industry. More and more water and wastewater industry engineers and professionals are specifying CF-58™ in their projects worldwide.

Custom Fab believes that accessible and reliable customer support makes the difference between delivering products and building partnerships.

Specify the glass lining with the name you can trust.... proven, reliable, CF-58™.



Peter Pace, Glass Lining
Operations Manager

Over 50 Years of In-House Experience Glass Lining Ductile Iron Pipe, Valves and Fittings

Description

Glass lined pipe and fittings have been used in wastewater and sewage treatment plants successfully for over 50 years. The non-stick surface is vitreous material, which is effective in combating the problematic build-up of grease, sludge and scum in piping systems. It has been found to be the only deterrent to Struvite and Vivionite

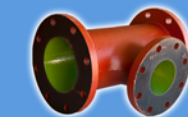


Benefits

- No build up of solids or deterioration of the glass lining.
- Superior flow prevents restrictions that result from standard epoxy coatings.
- Reduces pumping costs
- Reduces diameter size
- Provides for extended life of pipe and fittings
- Eliminates need for back up systems
- Provides for a more reliable, longer lasting piping system. Savings over long term usage.

Applications

- All pipe systems
- Wastewater Treatment Plants, where potential build-up of sludge and scum occurs.
- Pumping of acidic or alkaline fluids
- Thermal Cycling Systems
- Pumping of Abrasive Slurries
- Corrosive environments
- Withstands high temperatures up to 1,000°F



Custom Fab Glass Lining Capabilities

- Ductile Iron & Steel Pipe and Fittings 4" through 36"

Properties

- Thermal shock resistance (350° Instantaneous differential)
- Abrasion resistant hardness (between 5 and 6 on the MOHS Hardness Scale)
- Glass fired at temperatures of 1390-1410°F, creating an integral molecular bond to the substrate of the pipe and fitting.

- The glass is thermally bonded into the porous base metal, resulting in a lining that will not separate or delaminate from the surface of a base metal.
- Resistant to corrosion
- Resistant to abrasion
- Resistant to Heat and Thermal Shock

