

Why Choose Our FRP Piping Solutions?

Partner with ICT Industrial to gain not only a high performance product but also the technical expertise to ensure optimal design, installation, and long term durability.

Contact them today to learn more about how our FRP piping systems can transform your industrial operations with enhanced durability, reduced maintenance, and exceptional cost savings.

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Contact ICT Industrial and let the experts work with you to design, fabricate, and install the perfect FRP solution tailored to your needs and cost savings.



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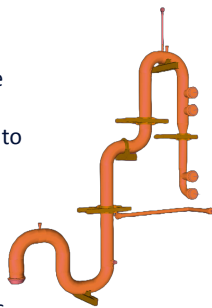
High-Performance FRP Solutions for Industrial Applications

In demanding industrial environments, **durability, cost-efficiency, and reliability** are more than just requirements – they are essentials. Fiber Reinforced Polymer (FRP) piping solutions are specifically engineered as an alternative to materials like steel and alloys, offering businesses a smarter, more efficient alternative.

As a trusted supplier of FRP solutions, ICT Industrial provides access to a comprehensive range of products that meet or exceed stringent industry standards. FRP piping systems deliver **long-term savings, improved operational efficiency**, and peace of mind.

Enhanced Durability and Design Flexibility

FRP piping solutions cater to a wide range of industrial needs, offering **customizable diameters, wall thicknesses**, and designs to handle even the most demanding requirements. Whether it is high-flow process piping, large-diameter exhaust stacks, or support systems for corrosive environments, our solutions can be customized to meet specific requirements.



In addition, ICT Industrial FRP products are engineered to conform to relevant **ASTM and ISO standards**, ensuring that our clients receive a high-performing product that complies with industry standards. This flexibility in design also allows for easy integration into both **new installations and retrofit projects**. Whether the requirement is for a customized solution or a standard FRP piping system, ICT Industrial is capable of your project's specific needs.



Lightweight Yet Strong

Strength does not have to come at the cost of weight. FRP piping is significantly lighter than materials like steel, which translates to:

- **Reduced installation costs:** Lower reliance on heavy lifting equipment.
- **Simplified field modifications:** Cutting and adjustments are easier and faster.

Despite its lightweight nature, FRP is **engineered for strength and rigidity**, capable of withstanding **high pressures, extreme temperatures**, and demanding industrial loads. FRP pipes and ducts can be designed to handle a wide range of pressures in industrial applications. Standard configurations, fabricated using hand lay-up or filament winding method, are typically rated for up to 250 psig or full vacuum. However, higher pressure capacities may be achieved by increasing the pipe thickness.

This unique combination of properties makes FRP piping ideal for even the most challenging applications

Unmatched Corrosion Resistance

Corrosion can wreak havoc on traditional materials such as steel, which often require **costly protective coatings** or frequent maintenance to prevent rust and chemical degradation. **FRP piping eliminates this concern** by being inherently corrosion resistant. This is particularly critical in harsh environments where exposure to chemicals, moisture, and aggressive agents accelerates wear on traditional infrastructure.

FRP pipes are manufactured to meet stringent standards, ensuring long-lasting structural integrity and performance even under the most challenging conditions. Whether you are handling caustic chemicals or operating in a high-moisture environment, FRP piping stands strong where others fail.