

# FRP/GRP/GRE/PP/PPGL Tank Manufacturers India



Our organization is strictly committed to deliver high quality solutions in customized shapes or specifications. Our exclusive range of FRP & PP storage tanks are available for Wide Range of applications of fluids from water, acid, alkalis, fire water, raw water etc. The trouble free performance of our storage tank is assured by quality raw materials that are taken from leading vendors in the industry.

# FRP TANKS



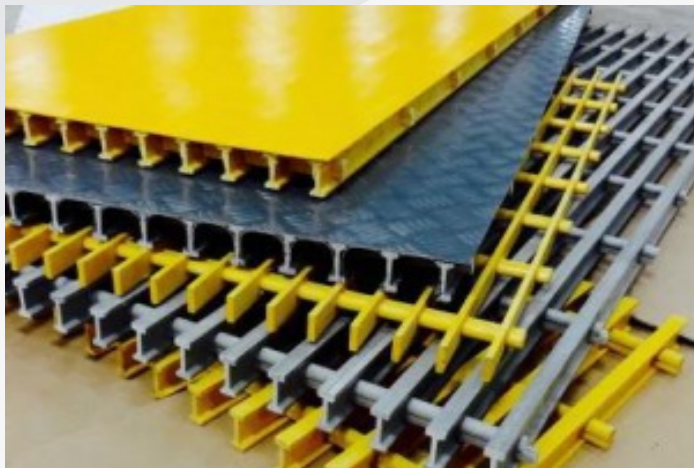
FRP Vessels custom designed & engineered to meet individual chemical & operating temperature requirements bring to forefront a robust construction that stands the test of time, even in the harshest conditions of usage. Exhibiting features of supreme chemical and corrosion resistance, withstanding high pressure and durability, these vessels are highly in demand by various industries.

SERVICE APPLICATIONS	KEY FEATURES	MATERIAL OF CONSTRUCTIONS
Storage	Permanent Colour	Bisphenol
Process & Reactions	Life 10 years	Polyester
Agitators & Mixers	Weather durability	Vinyl Ester
Oil / Sludge Separators	Rust & Corrosion Proof	Super Vinyl Ester
Acid Dilutions	UV Resistant	PP / FRP
Pickling Scrubber	Resistant to acidic & alkaline fumes	
Ducts & Hoods	Light weight ease of installation	
Chimney	Flexibility in choice of shape & colour	Capacity 1,10,000 Liters
Cylindrical Horizontal / Vertical	Rectangular /Square	Flat/Conical



## FRP GRATINGS

Fiber glass grating is an integral construction – single piece fiber glass roving reinforced with unsaturated polyester (FRP) / Vinyl Ester (FRVE) / Bisphenol (FRB) typically composed of 60-65% resin by weight and immensely strong continuous glass fibers manufactured by a specially designed process that provides a property of good mechanical and corrosion resistance. These are safe & ideal for chemically corrosive environment having a long maintenance free life. FRP Gratings are available in various surface finishes & colours, most commonly being used are dark grey & yellow.



### Key Features

- Platforms
- Stairs & Landings
- Walkways
- Flooring in and around electrical panels

## FRP HAND RAILS

FRP handrail systems are easily assembled and installed from durable, prefabricated pultruded fibreglass components. These FRP Hand Rails are quick and easy to assemble. The system can be prefabricated and shipped to the site and installed on-site with simple hand tools. FRP Handrail options include horizontal or inclined FRP railing systems with two or three rails suitable for different types of structures and applications



### Key Features

- Rust & Corrosion Proof UV Resistant
- High Mechanical, Tensile Impact Strength
- Light weight, ease of installation

## FRP Sheets

Fiberglass Roofing sheets serve as superior substitutes for ordinary plastic, metallic and asbestos sheets for natural day lighting. Today, sheets roofing sheets are being widely used in industrial sheds, warehouses.

Thickness 1.5 to 5mm

### Key Features

- Weather durability
- Water Proof & UV Resistant
- Rust & Corrosion Proof





## FRP Platform

A wide range of pultruded structural profiles, including channels, beams, angles, tubes, rods, concrete embedment angles, toe plates, flat sheets, threaded rods and nuts. structural shapes can be used in a wide array of applications replacing traditional components such as steel, aluminum and wood.



### Key Features

- Rust & Corrosion Proof UV Resistant
- High Mechanical, Tensile Impact Strength
- Light weight, ease of installation

## FRP CABLE TRAYS

An FRP Cable Tray System is a unit or assembly of units or sections and associated fittings forming a rigid structural system used to securely fasten or support cables and raceways.



### Key Features

- Weather durability
- Water proof & UV Resistant
- Light weight, ease of installation
- Rust & Corrosion Proof
- Fire Retardant

## FRP Motor Canopies

FRP and GRP Canopies that secure the work horses of varied industries from impact, heat, dust, chemicals, acids, mist, rain and water. These canopies are retardant to corrosive surroundings of refineries, chemical plants, coastal areas; mechanically strong; light weight; handling free; U. V. balanced and highly insulating material due to careful and caliber making. In addition, our FRP and GRP canopies have zero water assimilation, excellent weather ability and aesthetic looks. The single piece molding of our canopies offer monolithic construction.



### Key Features

- Louvers integrated every side of the protection shell
- Possess suitable fixing arrangement for simplicity of installation at premises
- Additional thickness is provided at suitable areas to withstand harsh influential elements
- Uniform clearance for simple lifting and air circulation with louvers

Polypropylene provides exceptional level of chemical corrosion resistance, is strong, lightweight and durable too. It is compatible with high and low temperatures and has excellent thermal insulating properties too. Polypropylene has many benefits as compared to other traditional metal tanks such as steel, stainless steel and titanium. The benefits include a seamless construction which is responsible for superior resistance to rust, corrosion, chemicals and fuel additives.

We design and manufacture polypropylene storage tanks to handle a wide range of chemical process applications, including anodizing, electroplating, acid pickling, fluxing, rinsing, degreasing, passivation and cleaning lines for a variety of industries. Our high quality pp tanks have a sharp structure and possess safety characteristics. The bottom corner of the pickling tanks are with weld-less radius to make it completely leak proof. Our pp pickling tanks have high corrosion resistance and are not affected by acids as well.

Our polypropylene tanks are 100% safe and easy to maintain. Such qualities of the products have made us one of the leading polypropylene tanks manufacturers in India. Our technicians use the latest technology in programmable extrusion welding and automated butt welding machines to fabricate polypropylene tanks

## TYPES OF TANKS

- Pickling Plant
- Wire Pickling Tanks
- Tunnel Pickling Tanks
- Galvanizing Tanks for Structure.
- Galvanizing Tanks for Pipe
- Electroplating Plants & Tanks
- Anodizing Plant & Tanks..



## ADVANTAGES

- Hot pickling
- Increased productivity
- Low rejection
- Clean working area
- Better pickling quality
- Easy draining of sludge
- Corrosion resistant
- Average Tank life up to 10 years
- Integral Fume ducting / Space saving





# Services : FRP Lining & PP Welding work



## FRP LINING : We possess expertise in FRP Lining

FRP (Fiber Glass Reinforced Plastic) Lining has a very wide application to protect the surface from the erosion / corrosion due to chemical atmosphere or directly because of the chemicals handled there out.



FRP Lining is basically a hand lapping process where Glass Fiber used with different type of resins as per the chemical compositions and type of exposure. The basic advantages of FRP Lining the application are very simple along with the surface preparation required before the application. It does not required the tedious process of sand blasting as in other linings required. And we can select the resin as per the job applications and the cost also varies accordingly.



## PP Welding.



The PP tanks manufacturing vary from 20 mm to 40 mm thickness. These are manufactured using high quality Polypropylene sheets. The welding quality are of very high standard and are done using extrusion fusion welding gun. An external MS structure is provided for the support of tank.



## PP Welding work: We possess expertise in



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