

Pipes & Fittings



Grace™ [Rangoli] FRP & dual laminates piping are available in wide range of pipe sizes, different pressure ratings & fittings such as bend, elbows, tees, stub ends, flanges, blinds, reducers, end caps, etc. Which are designed to provide a wide range of Tensile, Flexural and Impact strength properties.

FRP and dual laminates pipe is often the material of choice for corrosive process systems. The factor included in this are:-

An ability to be tailored for a wide variety of corrosion resistant conditions

Light weight (less than 20% of steel, 10% of concrete)

Excellent strength to weight (stronger than steel on an equal weight basis)

Low coefficient of friction (>25% better than steel)

Good dimensional stability

Low thermal conductivity (saving insulation costs)

Low long-term maintenance costs.

The total cost of the system includes all the above-mentioned variables. The cost of saving for the FRP. and dual laminates pipe VS the steel has even greater cost saving over alternative alloy constructions.

All these piping & fittings can be manufactured and Fabrication in FRP (FRB, FRV, FRSV) and Dual laminate like PP/FRP, PPH/FRP, PVC/FRP, CPVC/FRP & PVDF/FRP. Depending on reacting chemicals & temperature conditions.

Our concerns for the long term performance of your pipe system means that our specially trained customer oriented experts and technicians are able to advise on any aspect of site installation. Our specialist go to your site to carry out all functions relating to facility and component assembly, set-up, testing, putting into operation and more.

Application

Potable Water & Raw Water

Effluent & Sewerage Water Supply

Desalination Plants

Offshore Oil Production

Chemical & Fertiliser Plants

Refinery, Petrochemical & Petroleum Plant

Power Plant

Pharmaceuticals & Formulation Plants

Pickling, Metal Finishing & Metallurgy

Dyes & Intermediates

Paper, Pulp & Printing Plants

Textile & Synthetic Fibre Plants

Food Stuff Industries

Biotech & Biological Parks