

## Pickling Tanks



Grace™ [Rangoli] offers Pickling Tanks for steel industries for pickling process of M.S. and Stainless Steel wires, pipes, tubes, strips, angles, channels, rails, coils, and other steel items.

These tanks are manufactured from FRP & PP/FRP.

PP/FRP pickling tanks are offered with specially designed lip type Hood for fume collection from the sides of the tank. This kind of hood is suitable for the batch pickling operation for continuous pickling operation. Hood can be offered in top mounted and of any suitable shape like rectangular, semi arch or canopy types.

We also offer pickling tanks with suitable hood and fume scrubber with centrifugal exhaust fan, ducting network, stack or chimney and with re-circulation pump for scrubber with piping.

### Features Of Our Pickling Tanks.

- Custom made design
- Tank available up to 50 MTR length in any Width & Depth
- Load carrying capacity up to 20 tons
- Specialty designed for 24 hours working pickling plants
- Corrosion free work place
- Excellent chemical resistance
- 100% leak proof
- Expected life of tank up to 15 years
- Tanks made for strip & wires pickling and other pre and post treatment of iron, stainless steel and non ferrous metals.
- Heating and circulation system available.

## **Dual Laminate PP./FRP. Pickling Tanks**

### **Versus Only Thermoplastics (PP., HDPE.) Pickling Tanks.**

Thermoplastics have been known for their excellent chemical resistance for over 50 years. However, their relatively weak mechanical properties make design of large tanks very difficult. Dual laminate construction combines the superior chemical resistance of thermoplastics with the greater mechanical strength and flexibility of fiberglass. The liner is thermoformed and welded and then FRP is chemically or mechanically bonded to it. The added cost of this type of construction is often justified by greater service life, lower maintenance costs, and higher process productivity.