

What is Glass Reinforced Pipes (GRP) Pipes?

GRP are made from glass fiber reinforcements that are embedded in cured thermosetting resin. GRP Pipes may contain aggregate granular.

GRP pipes were introduced since 1948, since then GRP invaded the market due to its corrosion resistance capabilities and were selected as alternative to steel and stainless-steel pipes. The selection of proper material as well as material composition depends on the pipe required properties and as well as designed performance characteristics.

Close

GRP pipe line expanded to include applications of high pressure, as well as big range of diameters reaching up to 4000 mm.

GRP pipes combine the benefits of durability, strength, and corrosion resistance; moreover, they offer great design flexibility with the possibility to customize the pipe design in a wide range of properties, the same is applicable to providing a wide range of different fittings profile and shape.

GRP Application

- Water transmission and distribution (potable and raw water)
- Sanitary sewerage collection system (gravity flow and force main)
- Storm water
- Effluent water
- Sea water intake and outfalls
- Circulating cooling water, make-up and blowdown lines for power plants
- Industrial application
- Irrigation
- Odor control piping
- Oil field injection piping
- Chemical process lines
- Firefighting lines
- Ducting
- Slip lining for piping rehabilitation
- Insulated pipes for district cooling lines: core pipes as well as jacket.