

Vacuum tanks

Description

BUPOLSA's pressure or vacuum tanks are made of glass fibre reinforced polyester (GRP) and they are able to withstand negative pressure up to -1 bar.



Characteristics

- Completely smooth interiors rich in polyester that allow a perfect evacuation and great chemical resistance to the different products to be stored.
- Percentage of Fiberglass from 55 to 60%, for a high mechanical resistance.
- High resistance to external corrosive agents.
- Easy cleaning, high durability, maintenance is not necessary and easy to repair in the event of a break.
- GRP is resistant to both high and low temperatures, avoiding condensation. It is also a good electrical insulator.
- The calculation and design is done in accordance to the product to be contained, the working temperature and the concentration of it.
- Lightweight and easy transportable equipment.
- Pumped and conical bottoms.

Calculation and design

- BUPOLSA makes all of their tanks according to the manufacturing: UNE-EN 13121, UNE-EN 976 y AD-2000-Merkblatt-N1.
- For the design of the equipment takes into account volume, product to contain, the working pressure, the working temperature and concentration of the same.

Geometries and sizes

- Capacities of up to 50.000 liters.
- Diameters (mm): 800, 1.000, 1.200, 1.380, 1.620, 2.000, 2.325, 2.500, 3.000, 3.400, 4.000 and 4.200
- With galvanized carbon Steel support feet, legs or GRP skirt.



Available accesories

- Pressure screwed manhole in GRP
- Tubings in GRP PRFV DIN 2576 or ANSI#150 FF
- Fixing anchors to the ground and lifting hooks
- Supports for pipe
- Ladders, handrail and walkways
- Drilled plates
- Breakwater