Flexible Tanks

Wide range of flexible tanks and related accessories and fittings.

Description

We can offer a wide range of flexible tanks which are an ideal solution for temporary and long-term storage of various liquids. These include irrigational and drinking or non-drinking water, chemicals, liquids, fertilizers, sludges, waste water and industrial effluents. Thanks to their chemical and mechanical resistance, they are perfectly suited to many applications and a wide variety of liquids including fuels such as gasoline, diesel and aviation fuels*. They do not require any special installation requirements; they simply need to be placed on a level area free of sharp objects. For particularly aggressive fluids or fluids that are potentially dangerous to the environment and the safety of people, tanks can be supplied with a PVC groundsheet mounted on a perimetral bank (e.g. sandbags, metal or concrete structure) acting as a retention basin during fluid handling operations. The capacities of the tanks can be variable, ranging from small volumes (a few hundred litres) to much larger volumes (2,000 m3).
*The use of fuels with flexible tanks is restricted.

For models, capacities and dimensions, contact the sales office

Main features

- Made in 100% polyester high-tenacity fabric coated with plastomer.
- Both sides are coated with polyvinyl chloride (PVC) provided with anti-UV treatment in the mass.
- Possibility to store liquids with PH from 4 to 9.
- All seams are welded by means of an high frequency (HF) welding process.
- Reinforcement of corners using reinforced polypropylene bolted plates.
- Double reinforcements for any opening; these reinforcement is obtained by using monolithic flanges made in polypropylene reinforced with fibre-glass.
- Wide range of quality fittings tailored to suit clients' applications.

APPLICATIONS:

- Chemical industry.
- Agriculture field - fertilisers and zootechnical sludges.
- BioEnergy - digested sludge.
- Waste management - landfill leachate.
- Water treatment plants - storage.
- Fire protection reserves.
- Drinking water storage.
- Water storage for irrigation.
- Water purification plants.
- Fuel farm (military and/or restricted use)

MAIN ADVANTAGES:

- Quick and easy installation.
- Compactness which means low transport and storage costs.
- High mechanical and chemical resistance.
- Cost-effectiveness

Accessories

Each tank is equipped with four corner reinforcements and a central top screwed lid, diameter 150 mm. All other fittings and accessories are provided as per customer requirements and needs. A wide range of accessories and fittings is available. The following is a listing of the main fittings and accessories:

- Inlet and outlet opening, from DN50 to DN100
- Ball or gate valves.
- Inlet and outlet couplings as Guillemin, Camlock, rapid couplings, ball joints, etc.
- Flexible bolted manhole, diameter 400 mm.
- Vent with vapour release system.
- Vent with activated carbons.
- Berm liners (groundsheet).