



Specifications for PWT Flexi-Tanks

Description	Flexi-Tanks are manufactured from European-made, PVC/Polyester fabrics, and are rated for the storage of potable water. We custom-make the tanks in any Pillow-shape to suit any specifications and dimensional requirements.
Liner	Heavy Duty, PVC Coated Reinforced Woven Fabric. It is manufactured with special prime grade resins blended with a highly stabilized and advanced UV antioxidant formulation giving the geo-membrane superior physical, mechanical, and endurance properties. The Liner is suitable for liquid storage with a pH range of 5-10. Liner is to be rated for the storage of potable water with a relevant test certificate to the Australian Standard AS4020:1999 .
Flexibility	Pioneer Flexi-tanks are custom-made in capacities up to 300m³ . Fully collapsible and performance is enhanced by outstanding flex resistance, abrasion resistance and chemical resistance. Pioneer Flexi-tanks are used to store liquids with temperatures of -30°C up to +100°C.
Application	Pioneer Flexi-tanks are certified for the storage of potable water and raw water. Special fabrics are also available to for the storage of diesel and other petro-chemical products. Tanks are ideally suited for use in remote areas, military zones and disaster relief operations.
Clamps Spec	Clamps are used to hold the edges of the Tank using Hot-Dip Galvanized, high tensile steel bolts, Grade 8.8 and Angled steel plates.
Valve	Tank nozzles and fittings shall be of High-Density PolyEthylene (HDPE) with an outer flange connection to external piping systems. These components are non-corrosive and are natural spark arrestors.
Accessories	High Quality Glass Fibre Reinforced Nylon Ball Valve with pressure rating of 16Bar. Corrosion resistant and UV Stabilized. Pioneer Flexi-tanks are supplied with a sturdy Ground-Protection sheet for longevity, and are usually fitted with one HDPE threaded inlet, HDPE outlet with valve, and HDPE vent with cap.
Warranty	Tanks to be covered by 12-Month Conditional Warranty.