



RAPIDLY DEPLOYABLE STORAGE TANK

Frame Tank

Developed in consultation with emergency responders, the Structurflex Frame Tank provides a rapidly deployable tank for the storage of liquids, including hydrocarbons, potable water or waste.

A key feature is the aluminium frame with connectors that are quick to secure and do not require retaining pins.

Ideally suited for situations requiring mobile rapid liquid storage facilities with the minimum of manpower to set up.

Key Benefits

- Quick to assemble – under 10 mins
- Range of capacities from 5m³ to 20m³
- Robust long-life components
- Easily transported and stored
- Storage for temporary and long term operations
- Optional dual skinned design
- Use on a wide range of surfaces

Through life support

Products are designed with common components that can be separated for maintenance. This combined with Structurflex's through life support service ensures product readiness and life optimisation.



Frame Tank

SUPPORTING FRAME:

Heavy walled 40mm diameter aluminium frame with quick connectors providing interlocking without the need for retaining pins.

Each frame set consists of vertical posts complete with aluminium quick connectors and upper and lower horizontal poles.

The structural configuration of the frame varies with capacity:

- 5m³ – 6 sided hexagon
- 10–15m³ – 8 sided octagon
- 7.5m³ – 7 sided hexagon
- 20m³ – 10 sided decagon

LINER:

Manufactured in heavy duty 1100gsm reinforced PVC with excellent abrasion and UV resistance. A range of other fabrics are available to suit the type of fluid to be contained.



GROUND SHEET:

Manufactured from robust 680gsm polyester reinforced Ripstop PVC, the ground sheet is placed under the tank to provide protection from the ground.

Size / Volume	Dimensions	Component Weights		
		Frame	Liner	Ground Sheet
5,000lt / 5m ³	2.40m dia x 1.2m h	20kg	20kg	4.5kg
7,500lt / 7.5m ³	2.90m dia x 1.2m h	25kg	25kg	6.5kg
10,000lt / 10m ³	3.40m dia x 1.2m h	30kg	29.5kg	10.5kg
12,000lt / 12m ³	3.70m dia x 1.2m h	32kg	33.5kg	12.5kg
15,000lt / 15m ³	4.20m dia x 1.2m h	33kg	39kg	14kg
20,000lt / 20m ³	4.70m dia x 1.2m h	36kg	46kg	15.5kg

PROPERTIES



FABRICS

Manufactured from hard wearing materials with a high resistance to UV, chemicals and some hydrocarbons.



DESIGN & CONSTRUCTION

Robust frame: long life marine grade aluminium frame & components.

Easy to assemble kit set: manufactured using an interlocking supporting frame negating the need for retaining pins, clips or tools.

Height: low 1.2m height enables hoses or submersible pumps to be placed into the tank.

Stability: strong and stable.



STANDARD ACCESSORIES

- Supporting frame carry case
- Liner carry case
- Ground sheet
- Operating instructions



FABRICS

- Weatherproof canopy
- Dual skin liner

