

## Flexible Oil Tank 400,000 Litre (static storage)



The Covertex Flexible Tank design, experience and ISO 9001 procedures ensures a robust, rapid deployable bladder for the storage of hydrocarbons. The tanks are ideal for situations requiring mobility and rapid liquid storage facilities on most terrain while being simple to assemble. Covertex flexible tanks have been supplied to many organisations local and internationally including New Zealand & Australian Defence Forces.

### Material & Construction:

The L3690 NESU, 36oz /1220gsm material used in the construction of the flexible tanks is composed of a high tenacity woven Nylon/Polyester base cloth coated both sides with Polyurethane to meet the US Military standard MIL-PRF-32233

The fabric is suitable for containing a range of oils, aviation and diesel fuels whilst remaining robust for repetitive handling.

Construction of the tank is by overlap seams 2"/50mm and reinforcing by welding which fusing the fabric together providing high tensile strength similar to that of the parent fabric, in addition all exposed internal fabric edges are sealed with polyurethane.

### Specifications:

Capacity	Lay Flat Dimensions	Fill height	Dry Weight
400,000 litres / 400m <sup>3</sup>	19.0m x 15.0m	1.9m	850kg

### Tank Fittings:

Each Flexible Tank is supplied complete with;

- Fill/Discharge fittings:  
2 x aluminium flanges positioned at opposite ends of the tank (1x4"/100mm & 1 x 6"/150mm)  
Each complete with nickel plated ball valve male camlock coupling & sealing dustcap.



- Vent/Breather Fitting:  
1 x aluminium flange positioned top centre of the tank c/w 2"/51mm male camlock & dust cap. 1 x Vent up stand pipe c/w 2"/51mm female camlock, 150mm site tube and a s/s gauze breather.



### ACCESSORIES:

#### Protective Ground Sheet (Pad) – Oil Resistant:

The ground sheet provides additional protection to the tank from the ground surface and or damage from the tank being moved when positioning. In addition the sheet provides secondary containment for minor spills during use.

The ground sheet is manufactured from a heavy duty polyester reinforced 1000gsm coated both sides with a fuel/oil resistant Elavloy for secondary storage with good resistance to wear & tear, puncture and UV.

Protective Ground Sheet	Dimensions	Dry Weight
For 400m <sup>3</sup> Flexible Tank	22.0 x 18m	390kg

**Operational Manual:**

Each Flexible Tank is supplied with laminated operational instructions on deployment & use.

**Repair Kit:**

The comprehensive repair kit including detailed instructions and tools enable permanent in field or at base repairs. The repair kit includes; 750ml adhesive / hardener, manual leak stoppers, brushes, spatula's, sanding block, abrasive paper, 3 sets of patches, rubbing tool, G clamp, tools for flange & detailed laminated instructions stored in a waterproof container.



**Transport/Storage Container:**

Available in either aluminium or painted timber the reusable transport and storage containers are supplied complete with fork lift access slots, removable lid and front panels.

