



TOWABLE STORAGE TANK

Tow Tank

Structurflex designs and builds towable storage tanks for storage and transport of hydrocarbons – either offloaded from vessels or recovered from oil spills at sea.

A proven robust solution that offers unparalleled towing performance – towable by almost any craft at speeds up to 15 knots empty and 7 knots full. Smaller tanks can be lifted for rapid discharge or land transportation. Available in a range of capacities, from 5m³ to 100m³, tow tanks can be decontaminated following use.

Design features

- Rapid deployment
- Stable under tow (full or empty)
- High resistance to sea conditions and environment
- Compact when stored

Typical applications

- Temporary storage
- Oil spill skimming operations
- Lightening of vessels
- Delivery of hydrocarbons

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.



Specifications

Tow Tank	5m³ liftable	10m³ liftable	20m³ tow only	30m³ tow only	50m³ tow only	100m³ tow only
Capacity Litres	5,000	10,000	20,000	30,000	50,000	100,000
Capacity US Gal	1,320	2,640	5,280	7,925	13,208	26,415
Dimensions	2.1 x 5.8m	2.1 x 9.4m	2.8 x 11m	2.8 x 16.5m	3.4 x 18m	4.1 x 25m
Aluminium bow section	1	1	1	1	1	1
Towing bridle (with buoy)	1	1	1	1	1	1
Side flotation	2	2	2	2	2	2
Fill & discharge fittings	2	2	3	4	4	6
Vent fitting	1	1	1	1	1	2
Drain fitting	1	1	1	1	1	1
Grab handles	6	10	10	14	14	18
Securing points (400kg)	-	2	3	4	4	6
Dry weight kg	185	235	380	460	580	930
Packaged size	2.3 x 1.0 x 0.8m	2.3 x 1.0 x 1.0m	2.2 x 1.4 x 1.3m	2.2 x 1.4 x 1.3m	2.4 x 1.4 x 1.5m	2.4 x 2.0 x 1.8m

PROPERTIES



FABRICS

Heavy-duty 2700gsm / 79 oz/yd2 Polyester reinforced fabric providing high tensile strength, excellent abrasion, puncture, oil and UV resistant properties.

Manufactured in safety orange with yellow side pockets.



STANDARD FEATURES

- Towing bridle optional ancillary items
- Anti-chafe mat
- Aluminum bow flotation
- Side floats
- Securing lugs
- Fill & discharge fittings
- Vent fitting
- Grab handles
- Drain fitting



OPTIONAL ANCILLARY ITEMS

- Towing line
- Anti-chafe mat
- Cargo net
- Inflators



DESIGN & CONSTRUCTION

All components engineered to provide safe-working loads during towing operations.

5m³ and 10m³ units engineered for lifting when full.



OPTIONAL FEATURES

- Additional fill & discharge fittings
- Submersible pump access port



OPTIONAL ACCESSORIES

- Light mast
- Decanting hose
- Storage/transport container

