



RO-TANK - Flexible fluid storage tanks

PROVEN OIL SPILL TECHNOLOGY

RO-TANK - Flexible fluid storage tanks

The RO-TANK is a high quality durable storage tank that can be used on land or floating in water (with the addition of an air pillow).

Unlike common pillow tanks the RO-TANK is moulded in robust reinforced neoprene rubber with a hypalon outer layer. This ensures the tank has the most reliable construction without the many seams that can fail due to exposure to the environment.

The Hypalon external skin has high abrasion and puncture resistance and will withstand long periods of exposure to sun, and many types of liquids.

RO-TANK lies completely flat when empty, allowing it to be rolled for storage.

RO-TANKS are manufactured as a tube that can be opened at the ends for cleaning. To deploy the RO-TANK it is unrolled in a suitable location. If the tank is being used on a mobile structure such as vessel deck or truck it should be properly secured. For use in water the RO-TANK should be coupled to auxiliary floatation units (pillow floats/fenders) that can be inflated from low-pressure source. The RO-TANK has bright reflective strips along its surface to aid identification in water. Towing equipment will be attached to the front tow bar. Filling and emptying is achieved with flexible hoses.

RO-TANKS are available in a variety of sizes from 1,321 to 13,210 gallons / 5 to 50 m³.



Advantages of RO-TANK:

- Robust pillow tank with high abrasion, tear and puncture resistance
- Fully opening ends for cleaning
- Hypalon external layer
- Choice of sizes
- Flat when empty
- Roll up for compact storage

TECHNICAL DATA

	RO-TANK 5	RO-TANK 10	RO-TANK 15	RO-TANK 25	RO-TANK 50
Capacity:	5,000 litres / 1,321 US gallon	10,000 litres / 2,642 US gallon	15,000 litres / 3,963 US gallon	25,000 litres / 6,605 US gallon	50,000 litres / 13,200 US gallons
Filled size:	5.5 x 2.0 x 0.8 m / 220 x 80 x 32 in	9.4 x 2.0 x 0.8 m / 376 x 80 x 32 in	13.3 x 2.0 x 0.8 m / 532 x 80 x 32 in	21.2 x 2.0 x 0.8 m / 848 x 80 x 32 in	13 x 3.8 x 1.8 m / 512 x 150 x 71 in
Hose connections:	2 x 3 in	2 x 3 in	2 x 3 in	2 x 5 in	
Packed size:	2.2 x 0.5 x 0.5 m / 87 x 20 x 20 in	2.2 x 0.8 x 0.8 m / 87 x 32 x 32 in	2.2 x 1.0 x 1.0 m / 87 x 40 x 40 in	2.2 x 1.2 x 1.2 m / 87 x 47 x 47 in	3.6 x 1.1 x 1.2 m / 141 x 43 x 47 in
Dry weight	150 kg / 330 lbs	230 kg / 506 lbs	310 kg / 682 lbs	450 kg / 990 lbs	650 kg / 1433 lbs

Material: Moulded Polychloroprene rubber with exterior hypalon layer for high UV, abrasion and UV resistance with two plies of polyester/ polyamide reinforcement fabric.

Construction method: Total cross vulcanisation in 70 tonne press. Constructed as a tube with bolted ends.

Tensile strength fabric: 500 N/mm / 2,850 lbs/inch

Abrasion resistance: 88,000 cycles of 250 gram weighted abrasion wheel H18 to remove outer layer.

Operational temperature: - 40 to + 60 degree C

Colour: Black with reflective yellow stripes

Repair method: Cold glue

Deflated: Completely flat for winding/fleeting/rolling

Cleaning: Hot pressure wash up to 70 degrees C/ detergent/scrapers

End connector: Reinforced aluminium

Individual RO-TANKS can be supplied packed inside an optional wooden box with loading ramp, alternatively multiple tanks can be preconnected and stored on a hand or hydraulically powered reel (10 x 15 m³ tanks max). Offloading systems are also available.