

Emergency Aid Camp Infrastructure



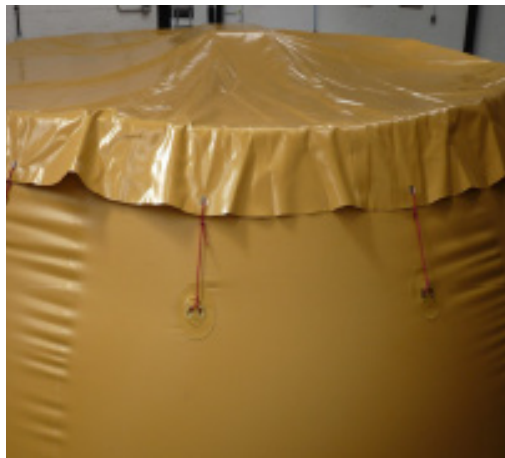
Onion Tanks



Self supporting Onion tanks are suitable where an instant use open top tank is required.

These tanks are easily cleaned and are therefore suitable for storing raw water and in-tank flocculation. Onion tanks are often used in conjunction with flexible bladder or pillow tanks.

- Suitable for ALL climates
- Requires only an area of level ground
- Erection time from 2 minutes for 1 person
- Delivered complete in 1 x ISPM15 heat treated plywood case suitable for export
- Kit includes: All necessary tools, tank, roof, instruction manual, groundsheet and repair kit
- Special sizes and outlet configurations made to order



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Technical Data

Outlets

All tanks are fitted with 2 x 2" BSP(F) plastic outlets with male adaptors and 2" BSP(F) 1/4 turn valves.

Roof Covers

All tanks are supplied with circular roof covers with an integral central flotation foam block. The covers are tied in position.

Groundsheets

All tanks are supplied with circular groundsheet approximately 1.0m larger than the tank.

Packing

Each tank is packed with its groundsheet, roof cover, repair kit and instruction manual in a plywood case, ready for export.

Tank Materials

Base cloth:	PES / PES
Total weight (approx.):	1100g/m ²
Base cloth construction:	Panama 2/2 275g/m ²
Construction:	12/13 threads/cm
Coating calendar:	Dull
Breaking strength:	4000 N/5cm + 6000 N/5cm
Tear strength:	600 N
Adhesion:	100 N/5cm
Temperature resistance:	-30C to +70C
Colour:	Beige 46002
Special properties:	Special quality for contact with potable water and food



Tank Reference	Capacity (litres)	Base Diameter	Top Diameter	Height when full	Groundsheet Diameter
OT3	3,000	2.30m	1.50m	1.00m	3.30m
OT5	5,000	2.40m	2.00m	1.20m	3.40m
OT10	10,000	3.50m	2.50m	1.50m	4.50m
OT15	15,000	4.00m	3.00m	1.50m	5.00m
OT20	20,000	4.75m	3.75m	1.50m	5.75m
OT30	30,000	5.50m	4.50m	1.50m	6.50m

Site Selection

The tanks should be erected on firm, level ground, on a slightly larger area than the groundsheet diameter. The ground should be well drained so as not to puddle adjacent to the tank as a result of rain water or spillage. If gravity feed is required from the tank, the tank should be installed at the site's high point, but preferably sheltered from the wind.



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