

Frame Based Liquid Storage Tanks

Technical data sheet



Arete manufactures a wide range of open top temporary storage tanks which are light and low volume when empty. Deployment and installation takes within 5 minutes, for the support of a tank only aluminium frame sticks of marine grade are used. No tools are required, making tanks a first-choice emergency or long-term liquid storage facility. The Arete storage tanks may be used under any climatic conditions, and applications include oil spill recovery, firefighting, pressure washing and water storage.



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The temporary storage tank is high frequency welded to guarantee seam integrity. Included with each tank is a ground sheet which the tank sits on before it is filled, this is to protect the bottom of the tank from rough ground. Inside the tank at a central position on the floor special lifting ring is located which is used to facilitate the cleaning of the inside of the tank.

Material

Base fabric:

High frequency welded. Polyester 1,100 dtex weave with TPU Aliphatic PU / PVC Alloy for improved Chemical & Abrasion Resistance.

Temperature range:

-30°C to +70°C

Tensile strength (warp and weft):

4000 N/5 cm (DIN53354)

Tear strength (warp and weft):

250N (DIN53356)

Surface mass:

960 ($\pm 10\%$) g/m²



Key Facts

Fast deployment times

Light and flexible

High frequency welded



Internal cleaning ring

Robust TPU material

Optional discharge valve



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Optional drain valve can be securely fixed to the base area of the tank to facilitate easy decanting/emptying of the tank. The vertical stiffeners are placed around the outside of the tank to keep the shape as well as flexible top tension element is placed around the tank to ensure the sides remain in the required position. All parts of the tank can be neatly packed into a carry bag for easy transportation.

Technical Data

Model	ASST 1	ASST 2	ASST 5	ASST 7	ASST 10
Capacity	1000 l	2000 l	5000 l	7000 l	10000 l
Height (filled)	60 cm	90 cm	90 cm	90 cm	90cm
Diameter (filled)	170 cm	180 cm	280 cm	340 cm	400 cm
Weight (empty)	10 kg	11 kg	21 kg	25 kg	30 kg
Packed size (L/W/H)	115/45/25 cm	130/45/25 cm	130/60/45 cm	130/60/60 cm	130/85/65 cm
Ground sheet	340 N/mm	370 N/mm	440 N/mm	440 N/mm	460 N/mm
Top cover	Optional	Optional	Optional	Optional	Optional

*Customization is available on request

