

Self Supporting Storage Tank

Technical data sheet



Arete manufactures a wide range of open top temporary storage tanks which are light and low volume when empty. During filling the fabric structure self-elevates and assumes a very stable profile even in high winds. 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.



Self Supporting Storage Tank

Technical data sheet

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. All parts of the tank can be neatly packed into a carry bag for easy transportation.

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



Self Supporting Storage Tank

Technical data sheet

On the outside top edge of the tank optional fixings can be placed to secure a weather cover. The weather cover is shaped like a dome once it is placed to ensure water does not sit on top. The top cover has flexible poles inserted into the fabric to create a "tent-type" effect. Optional drain valve can be securely fixed to the base area of the tank to facilitate easy decanting/emptying of the tank.

Technical Data

Model	SST 2.5	SST 6	SST 13
Capacity	2500 l	6000 l	13000 l
Height (filled)	110 cm	143 cm	138 cm
Diameter (filled)	220 cm	256 cm	404 cm
Weight (empty)	14 kg	25 kg	35 kg
Package size (L/W/H)	98/58/58 cm	100/60/60 cm	104/62/60 cm

*Customization is available on request

