



**Avon Engineered Fabrications LLC.** offers a variety of collapsible fabric tanks (CFT) designs for containing various liquids. AEF's standard water tanks are produced with in-house engineering and design capability allowing for customization based on your requirements. With rapid emplacement capabilities, our tanks are perfect for storing water, fruit juices, and food-grade oils regardless of location. Compared to rigid containers, our tanks are low maintenance, non-rusting, and utilize minimal warehouse space.

## Accessories and fittings are customizable per your requirements

### Benefits

- Closed flexible system takes the shape of the liquid's volume and does not create ullage
- Suitable for gray water, black water, and a wide range of other aqueous solutions
- Potable water FDA compliant and can be NSF-61 certified upon request
- Designed to operate in various climate conditions
- Withstand temperature ranging from -25°F to 160°F
- Easily stored and transported, economical shipping
  - Can be placed in areas with limited space
  - Easy installation by unrolling and unfolding with limited personnel
- Custom manufacturing available upon request



AEF recommends groundsheets for water tanks for added protection. We can provide customized berm liners and ground sheets to meet your applications.

### Ideal For

- Industrial site temporary water storage
- Emergency and disaster response
- Water treatment facilities
- Rain water harvesting
- Military operations
- Remote location
- Mining operations
- Firefighting
- Agriculture

### Applications

- Food grade oils
- Potable water
- Waste water
- Black Water
- Gray Water
- Frac Water
- Fruit juices

Technical Information							
Sizes	Footprint Dimensions	Packaged Dimensions (crates)	Dry Weight	Fill/discharge Fittings			Drain Fitting
	Length x Width	Length x Width x Height		2"	4"	6"	2"
1K	96in x 130in/2.44m x 3.30m	96in x 48in x 24in/2.44m x 1.22m x 0.61m	95 lbs	1			
3K	174in x 163in/4.42m x 4.14m	96in x 48in x 48in/2.44m x 1.22m x 1.22m	160 lbs	1			
5K	192in x 195in/4.88m x 4.95m	96in x 60in x 48in/2.44m x 1.52m x 1.22m	195 lbs	1	1		1
10K	264in x 260in/6.71m x 6.60m	120in x 60in x 48in/3.05m x 1.52m x 1.22m	340 lbs	1	1		2
20K	334in x 325in/8.48m x 8.26m	125in x 60in x 48in/3.18m x 1.52m x 1.22m	500 lbs		2		2
50K	522in x 455in/13.26m x 11.56m	144in x 60in x 48in/3.66m x 1.52m x 1.22m	1,000 lbs		2		2
100K	624in x 650in/15.85m x 16.51m	144in x 96in x 48in/3.66m x 2.44m x 1.22m	1,710 lbs			4	4
210K	888in x 910in/22.56m x 23.11m	192in x 84in x 60in/4.88m x 2.13m x 1.52m	3,245 lbs			4	4
300K	1086in x 1040in/27.58m x 26.42m	192in x 84in x 60in/4.88m x 2.13m x 1.52m	4,460 lbs			4	4

## Information and Sizes

- Storage capacity: 1,000 Gal to 300,000 Gal
- Thermally welded seams
- Expected service life of up to 3 years
- Shelf life of 10 years
- Tank can be relocated during service life
- Fabric:
  - Urethane-coated nylon - high strength and heavy duty
  - Puncture and abrasion resistance
  - High UV Resistance (Desert Proven)
  - Innovative encapsulated edge technology
  - Wide range of weights and colors available



## Who We Are

**Avon Engineered Fabrications LLC.** is the world's foremost producer of high-quality products made from industrial coated fabric that meet the requirements of military and industrial consumers worldwide.

AEF's tanks provide an alternative source of storing water by using flexible transport, static, embankment and open top CFTs

## Common Accessories

- Tank covers/sun shade
- Custom TurnKey solution
- Valves: Gate and Ball
- Connection fittings
- Field repair kits
- Ground sheet
- Berm liner
- Hoses

**\*Custom fittings available**



## Onion Tanks

Onion Tanks provide a temporary source of potable drinking water that is needed where permanent water storage facilities are not available



Management System  
ISO 9001:2015



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