

# Terra Tank<sup>®</sup>

## Collapsible Fabric Tank



Terra Tank storage reservoirs solve liquid storage problems. The tank has been specifically designed to combine portability and versatility with economy. The Terra Tank is available in a full range of sizes from 100 to 50,000 USG and larger, if required, for containment of fuel, water, or virtually any liquid.

### Portable & Transportable

The Terra Tank system is easily and quickly installed and can be used immediately. Almost no site preparation is involved. They are lightweight and, because they are fully collapsible, they offer a liquid containment capacity many times larger than their transportable size. The Terra Tank can easily be folded, transported and relocated. Compared to steel tanks, the Terra Tank offers significant cost savings in transportation and site preparation and it won't rust or corrode.

### Proven and Reliable

Terra Tank containers are constructed from high strength industrial fabrics and are crafted to the highest production standards in the industry. The durable fabric of the tank always hugs the surface of the contained fluid so only a few square inches of liquid are exposed directly to the air. This is an important feature for fuel storage, as there is virtually no area where water vapour can condense and contaminate the fuel.

Likewise, dangerous vapours cannot accumulate, as the tank continuously adjusts itself to whatever volume of liquid is in storage. The improved fuel quality provided by Terra Tank storage results in significant cost savings due to longer fuel life and fewer problems with the equipment using the fuel.

### A Terra Tank for your Application

Terra Tank containers are specifically designed for different types of liquid storage and applications. Bladders can be constructed from three types of fabrics: **Petro-Shield™**, **Chem-Shield™**, and **Aqua-Shield™** to contain liquids ranging from jet fuel to chemical solutions. (See specification details on the back.)

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# Description of Terra Tanks

## Aqua-Shield™

**Aqua-Shield** tanks are constructed from fabric approved by the National Sanitation Foundation for containment of potable water. **Aqua-Shield** is suitable for containment of some acids, but is not suitable for fuels or oils. **Aqua-Shield** fabric that meets U.S. Military Specification MIL-T-53029C is available.

## Chem-Shield™

**Chem-Shield** tanks are constructed from fabrics which combine excellent durability with resistance to many chemicals. Please contact an SEI representative for specific information on which fluids are acceptable for containment in **Chem-Shield** tanks. This fabric is suitable for containment of sludge, transformer mineral oil, sulphuric acid, PCB transformer oils, 30% chlorine, ammonium hydroxide, ethanol, and fertilizer.

## Petro-Shield™ (Desert King)

**Petro-Shield** tanks are constructed from fabrics which meet U.S. Military Specification MIL-T-52983G for fuel tanks. The following fluids are acceptable for containment in **Petro-Shield** tanks: JP-1, JP-4, JP-8, Kerosene, diesel, fuels with less than 40% aromatic content, and isopropyl alcohol. With optional corrosion proof fittings: Phosphoric acid (10%), sodium hydroxide (60%).

Before ordering, we suggest that you discuss your intended application with an SEI representative. For fuels with more than 40% aromatic content or gasoline, please see the Desert King Tank.

## WARRANTY

The Terra Tank comes with a one year limited warranty and free lifetime annual fabric testing and analysis program.

### Terra Tank Standard Equipment and Optional Fittings

Terra Tanks come standard with a single 2" female NPT fitting for both fill and drain plus a second 2" female NPT fitting at the centre of the tank for vent/overflow protection.

The 2" fill /drain piping kit consists of:

- 1 - 2" nipple
- 1 - 2" 633-A female NPT adaptor
- 1 - 2" 633-B male NPT coupler
- 1 - 2" 90 degree street elbow
- 1- 2" bronze ball valve
- 1- 2" 633-F male NPT adaptor
- 1- 2" 634-B dust cap

The 2" vent/overflow piping kit consists of:

- 1 - 2" nipple
- 1 - 2" 633-A female NPT adaptor
- 1 - 2" 634-B dust cap
- 1 - 2" 633-B male NPT coupler
- 1 - 2" spark-proof vent cap

An optional bottom drain fitting is available. It consists of:

- 1 - 1" nipple
- 1 - 1" 90 degree elbow
- 1- 1" plug

Dry Repair Kit included with all Terra Tanks

Liquid Repair Kit (Dangerous Goods) available at additional cost

A wide range of additional flanges, fittings, valves, etc. can be installed as optional equipment.

### TYPICAL TERRA TANK SPECIFICATIONS

Capacity	Nominal Dimensions Empty		Nominal Dimensions Filled		Approx. Weight Empty		Approx. Shipping Weight		Approx. Shipping Dimensions	
	U.S. Gal/Liters	Feet	Meters	Feet	Meters	lbs	Kg	lbs	Kg	Inches
100/379	4.5 x 4.8	1.4 x 1.5	3.11 x 4.5	0.9 x 1.3	75	35	100	46	36 x 38 x 17"	92 x 97 x 44
250/946	5.0 x 7.0	1.6 x 2.2	4.3 x 6.3	1.3 x 1.9	92	42	130	59	36 x 38 x 17"	92 x 97 x 44
500/1893	9.0 x 7.0	2.8 x 2.2	8.3 x 6.3	2.5 x 1.9	105	48	140	64	36 x 38 x 17"	92 x 97 x 44
750/2839	8.4 x 9.4	2.6 x 2.9	7.3 x 8.3	2.2 x 2.5	115	53	155	71	36 x 38 x 17"	92 x 97 x 44
1000/3785	10.6 x 9.4	3.3 x 2.9	9.5 x 8.3	2.8 x 2.5	136	62	185	84	36 x 38 x 17"	92 x 97 x 44
1500/5678	14.9 x 9.4	4.6 x 2.9	13.8 x 8.3	4.2 x 2.5	151	69	220	100	48 x 48 x 12"	122 x 122x 31
2000/7571	10.6 x 14.0	3.3 x 4.3	8.11 x 12.8	2.4 x 3.9	170	78	240	109	48 x 48 x 12"	122 x 122x 31
2500/9464	12.6 x 14.0	3.9 x 4.3	12.7 x 12.8	3.8 x 3.9	182	83	265	121	48 x 48 x 12"	122 x 122 x 31
3000/11356	14.6 x 14.0	4.5 x 4.3	12.1 x 12.8	3.6 x 3.9	214	98	270	123	48 x 48 x18"	122 x 122 x 46
4000/15142	18.0 x 14.0	5.5 x 4.3	16.5 x 12.8	5.0 x 3.9	225	103	315	143	48 x 48 x18"	122 x 122 x 46
5000/18927	14.6 x 18.8	4.5 x 5.8	12.8 x 16.7	3.9 x 5.0	257	117	357	162	48 x 48 x 24"	122 x 122 x 61
7500/28391	19.9 x 18.8	6.1 x 5.8	17.8 x 16.7	5.4 x 5.0	332	151	412	187	48 x 48 x 36"	122 x 122 x 92
10000/37854	24.6 x 18.8	7.5 x 5.8	22.3 x 16.7	6.7 x 5.0	372	169	500	227	48 x 48 x 40"	122 x 122 x 102
15000/56781	26.7 x 23.4	8.2 x 7.2	24.1 x 20.1	7.3 x 6.1	434	197	575	261	48 x 48 x 40"	122 x 122x 102
20000/75708	27.11 x 28.0	8.3 x 8.6	25.5 x 25.6	7.7 x 7.8	601	273	670	304	48 x 48 x 40"	122 x 122 x 102
50000/189270	52.0 x 32.8	15.9 x 10.0	49.6 x 30.2	15.1 x 9.2	1241	563	1465	665	48 x 84 x 40"	122 x 214 x 102