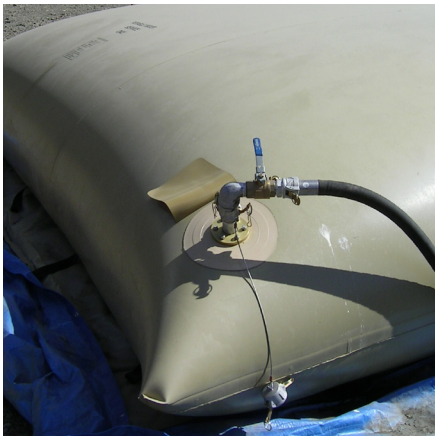
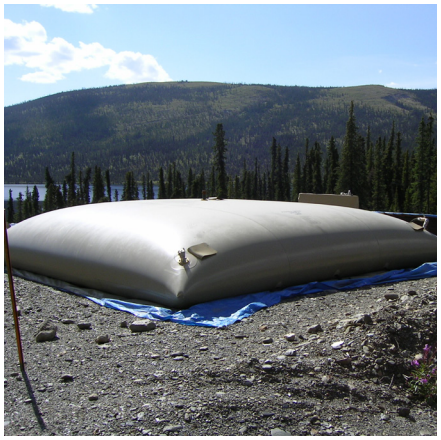
Terra Tank
Water and Chemical

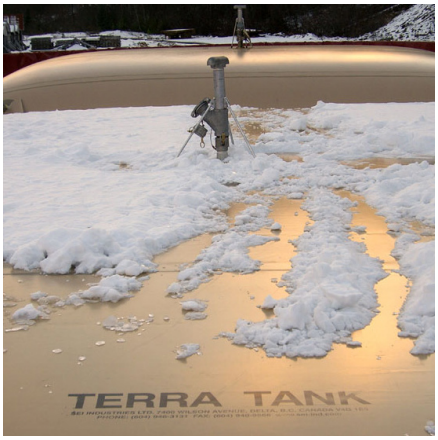
Terra Tanks combine portability, versatility and economy to solve liquid storage problems. The Terra Tank is available in a full range of sizes, ranging from 100 to 50,000 USG for containment of virtually any liquid, including potable water, grey water or black water.

The Terra Tank system is easily and quickly installed and can be used immediately with almost no site preparation. The collapsible Terra Tank offers a liquid containment capacity many times larger than their transportable size. The Terra Tank can easily be folded, transported and relocated and, compared to steel tanks, the Terra Tank offers significant cost savings in transportation and site preparation. It also does not rust or corrode.

This collapsible bladder tank comes in a range of sizes from 250 USG (1,000 L) to 50,000 USG (190,000 L).







Terra tanks are constructed from high-strength industrial fabrics and are crafted to the highest production standards in the industry. The hardy fabric of the tank hugs the surface of the contained fluid, so only a few square inches of liquid are exposed directly to the air. Dangerous vapors do not accumulate because the tank continuously adjusts itself to whatever volume of liquid is in storage.

We build the Terra Tanks with one of several kinds of fabric, dependent on what liquid you need to store. We use two types of fabric to make Terra Tanks that store water and chemicals: Aqua-Shield™ and Chem-Shield™.

Aqua-Shield – The National Sanitation Foundation approved the materials in this fabric for containment of potable water. Aqua-Shield fabric that meets U.S. military specification MIL-T-53029C is also available.

Chem-Shield – This fabric is constructed from materials that combine excellent durability with resistance to many chemicals. Therefore, it is suitable for containment of sludge, transformer mineral oil, sulphuric acid, PCB transformer oils, 30% chlorine, ammonium hydroxide, ethanol and fertilizer.

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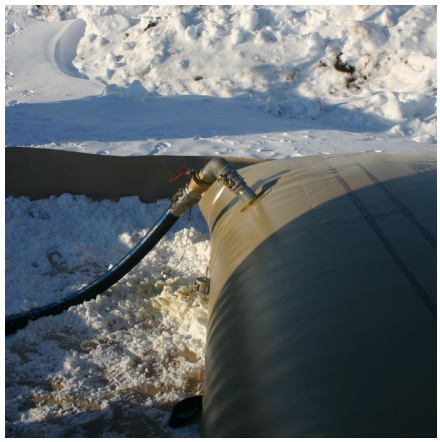
Terra Tank
Water and Chemical

SEI INDUSTRIES

Terra Tanks for Chemical Storage

Bladder tanks for storage of chemicals need to be constructed using fabrics, flanges and fittings that are suitable for exposure to the chemicals being stored. We construct the Terra Tank to store chemicals from Chem-Shield, a fabric that is proven, reliable and chemical-resistant. The tank is suitable for containment of sludge, transformer mineral oil, sulphuric acid, PCB transformer oils, 30% chlorine, ammonium hydroxide, ethanol and fertilizer.

The Terra Tank always hugs the surface of the contained fluid. As a result, only a few square inches of liquid gets direct air exposure. This is an important feature for chemical storage, as there is virtually no area where water vapour can condense and, likewise, dangerous vapours cannot accumulate, as the tank continuously adjusts itself to whatever volume of liquid is in storage.



Terra Tanks for Water Storage

Bladder tanks for water fall into three distinct use categories: potable (drinking water), grey and black water.

Potable water is drinking water. Potable water pillow tanks may be constructed from fabrics that are commercial or military grade but should be National Sanitation Foundation (NSF) standard 61 approved.

Greywater is wastewater from domestic activities such as laundry, dishwashing, and bathing. It can also include waste water that includes chemicals. Grey water bladder tanks should be constructed from a fabric that is compatible with the types of chemicals that the tank will contain.

Black water is used to describe wastewater containing fecal matter and urine (also known as brown water, foul water or sewage). Bladder tanks, made for the storage of black water, should utilize fabrics compatible for such exposure but also be capable of handling the heat generated as a result of bioactivity during decomposition of the sewage. Operators should also ensure that the bladder tank is installed inside proper secondary containment to prevent spills into the environment.

SEI constructs its Terra Tank for water storage from Aqua-Shield, a fabric that is safe, durable and approved.

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