

## Portable Collapsible Storage Tanks



## The convenient storage solution that assembles in minutes

### Overview

Storage Tank Solutions (STS) introduces portable collapsible storage tanks that are ideal for storing water, chemicals, fuel, powders, grains and foods, and raw materials.

The hot-dip galvanized PVC-coated wire mesh frame encircles a reinforced thermoplastic liner. When the tank is filled, the contents exert pressure on the flexible mesh to form a stable and durable storage tank.

The unique design permits compact packing and storing and very efficient transport from place to place. An optional cover protects the contents from contamination, evaporation, or changing weather conditions. Assembly takes just minutes – no special training, tools, or drawings required. Manufactured from high-quality materials, the tanks meet international standards.

### Features and Benefits

**Easy assembly and disassembly** - With two people, assembly in just 15 minutes. No need for technical knowledge or special tools.

**Compact design** - The liner and all of the fittings fold into a lightweight bag (3.2' x 1.6' [1m x .05m]). The wire mesh frame forms the outer "wrapper" for a compact and easy to transport item, increasing the number of items per shipment and reducing shipping costs.

**Durable materials** - Long-lasting materials function as temporary or permanent storage; UV resistant; Accessories available.

**Large capacity** - Comes in a range of sizes up to 8,000 gal (30,000 liters).

**Cost-effective** - Low-priced because of components utilized and reduced manufacturing costs.

**Easily customizable** - The tanks can be customized to meet customer requirements including size, capacity, color, and number of entry and exit points for filling or draining.

### Applications

The tanks can be used for storing water or other liquids, food stuffs, raw materials, for disaster relief and humanitarian assistance, for firefighting and emergency relief, in agricultural, industrial, and military applications.

## Selected Specifications

**Capacity** - Range of sizes up to 8,000 gal (30,000 liters)

**Frame** - Spot-welded wire mesh (PVC-coated, hot-dip galvanized steel)

**Net height** - 3.3' and 4' (1m, 1.2m)

**Liner** - Reinforced thermoplastic fabrics such as PVC, polypropylene or polyurethane, based upon the customer's requirements, guaranteed against material defects for 1 year

**Cover** - PE woven, sealed against light, dirt, and rain, UV resistant

**Bulkhead fitting** - 1", 1.5", 2" (25 mm, 38 mm, 50 mm)

**Closures** - Heavy-duty galvanized metal lock

## Assembly

Assembling the portable storage tanks is quick and easy. In fact, we believe our 3-step assembly process may be among the shortest in the industry – from start to finish in just 15 minutes. All the materials, fittings, and closures are included in the kit. There are no special tools required for assembly. Note: Assembly steps shown assume 2 people assembling the 3.9' (1.5 m) tank, times are approximate.



### Step 1:

Unfold the wire mesh frame and put in place. Close and secure with wing nuts and bolts.



### Step 2:

Place the thermoplastic liner inside and clamp to the top of the frame.



### Step 3:

Install the inlet and connectors and close ports not in use.