

PREMIER PLASTICS *low profile*

SUPERTANK™



(Model STS900D or STSU1000EH shown)

- ★ SEPTIC TANKS (also above ground)
- ★ SEWAGE TREATMENT PLANTS
- ★ WATER STORAGE

- ★ TOUGH ONE-PIECE POLYETHYLENE
- ★ SUPER STRONG TRIANGULAR RIBBING
- ★ EASY INSTALLATION

Look for the PREMIER label of quality. PREMIER PLASTICS ... 'Good Solid Tanks'

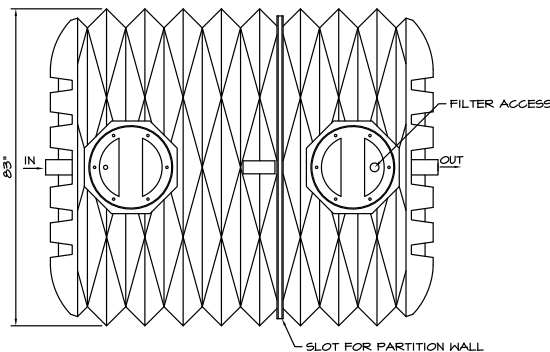
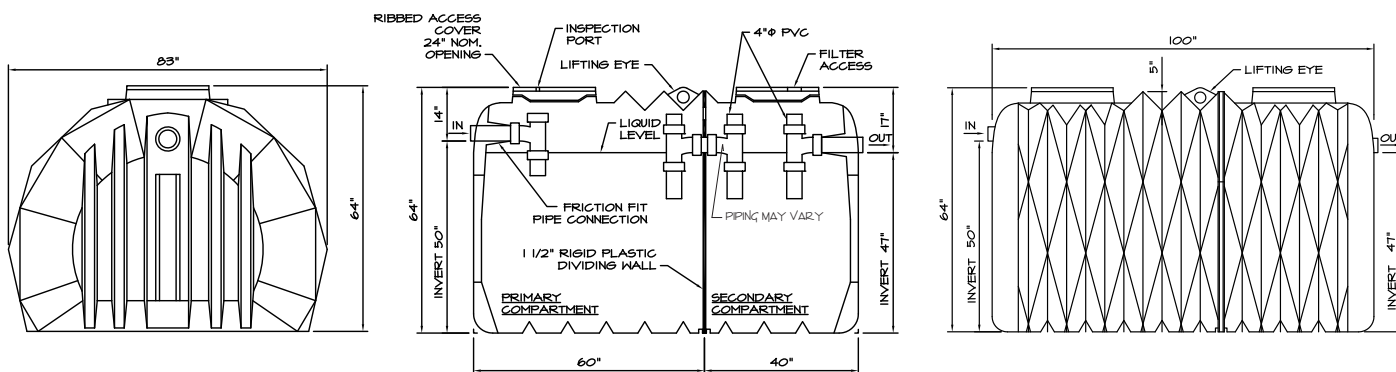


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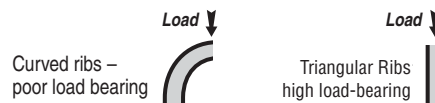
PRODUCT DATA SHEET



(Model STS1125D or STSU1300EH shown)

What are TRIANGULAR RIBS™?

The unique Triangular Ribs™ are unparalleled in ability to resist vertical and horizontal ground pressure. The series of short, flat, triangular surfaces keeps the direction of the forces in line with each rib, thus substantially increasing stiffness compared with curved ribbed tanks. In curved ribbed tanks, approximately 50% of the curved wall surface area is capable of resisting vertical loads, whereas 100% of the wall surface area of Triangular Ribs™ contributes to the load bearing capacity of the tank.



SUPERTANK™ outline specifications:

Material: High density linear polyethylene (safe for food contact-water tanks). Meets FDA regulations 21 CFR 177.1520(C) 3.1 Wall thickness – 0.35" +/- .03". Meets CSA and ANSI/NSF61 for drinking water.

Plumbing: Septic tanks are pre-plumbed with 4" solvent weld PVC pipe connections, Tee Y's, dip tubes and inspection plugs to local plumbing codes. (No plumbing in water cisterns.)

Partition: Rigid 1 1/2" thick plastic board. (Optional in some locations.)

Access Lids: Two nom. 24" dia. Heavy duty molded polyethylene. Each lid safety secured with 6 corrosion resistant screws. NOTE: Cistern tanks may be sealed watertight with silicone sealant under lid.

Risers: Risers for direct access from the ground surface fit over manway lids on the tank. Riser base must be lag screwed and glued to top of tank. An additional lid on the riser provides additional safety and security. (Lid on tank must remain in place for structural integrity.) See separate sheet for risers.

Water Table: **Maximum allowable – 1' above water level in tank to limit deflection in tank base.** (Install dip tube on outside of tank.)

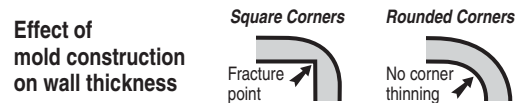
Installation: (see full instruction sheet) Maximum dirt cover above top of tank – 2.5' (EH models - 4'). Use GRANULAR BACKFILL ONLY. Remove rocks from tank surface, compact evenly underneath and around tank. Lids must be secured in place when backfilling. Use extra heavy weight, two chamber tank in wet soils. NO WATER NEEDED IN TANK WHEN BACKFILLING. Refer to full installation instructions. Dead load test – 12,000 lbs.

Warranty: Premier Plastics below ground tanks are warranted for 100 years against defects and degradation in the material. (See full warranty sheet.)

The importance of WALL THICKNESS

| | % Increase | | | | |
|-----------------------------------|------------|----|----|-----|-----|
| Increase in wall thickness | 5 | 10 | 20 | 30 | 50 |
| Increase in stiffness | 16 | 33 | 73 | 120 | 230 |

FOR EXAMPLE: A tank with 3/8" wall thickness will be more than 3 times stiffer than a tank with 1/4" wall thickness.



SELECTION GUIDE

*Installation subject to local health regulations.

| U.S.A. | U.S. gal. | Model No. | Dimensions |
|-------------------------|-----------|--------------|---------------------|
| Septic Tank (2 chamber) | 900 | STCU 900EH | 48"h x 100"l x 83"w |
| | 1000 | STSU 1000EH* | 56"h x 100"l x 83"w |
| | 1300 | STSU 1300EH* | 64"h x 100"l x 83"w |
| | 1500 | STSU 1500EH* | 75"h x 100"l x 83"w |
| Water Cistern | 1080 | STCU 1080EH | 48"h x 100"l x 83"w |
| | 1260 | STCU 1260EH | 56"h x 100"l x 83"w |
| | 1500 | STCU 1500EH | 64"h x 100"l x 83"w |
| | 1800 | STCU 1800EH | 75"h x 100"l x 83"w |

| CANADA | Imp. gal. | Model No. | Dimensions |
|-------------------------|-----------|------------|---------------------|
| Septic Tank (2 chamber) | 750 | STS 750D | 48"h x 100"l x 83"w |
| | 900 | STS 900D* | 56"h x 100"l x 83"w |
| | 1125 | STS 1125D* | 64"h x 100"l x 83"w |
| | 1350 | STS 1350D* | 75"h x 100"l x 83"w |
| Septic Tank (1 chamber) | 750 | STS 750S | 48"h x 100"l x 83"w |
| | 900 | STS 900S* | 56"h x 100"l x 83"w |
| | 1125 | STS 1125S* | 64"h x 100"l x 83"w |
| | 1350 | STS 1350S* | 75"h x 100"l x 83"w |
| Water Cistern | 900 | STC 900 | 48"h x 100"l x 83"w |
| | 1050 | STC 1050 | 56"h x 100"l x 83"w |
| | 1250 | STC 1250 | 64"h x 100"l x 83"w |
| | 1500 | STC 1500 | 75"h x 100"l x 83"w |

Add EH for extra-heavy models.

Contact factory for Advanced Treatment Unit applications.