

ROTO HOLDING TANKS GENERAL INFORMATION

HOLDING TANKS

Fittings will be located as specified by the customer. Customer to provide a 3-dimensional drawing to show a fill, a vent, drain, and sizes for each.

PLEASE NOTE THE FOLLOWING:

SOLID WASTE

- Must include a 3" fill and a 1.5" or 2" vent located on the highest point of the tank
- Must include a 3" drain located at the lowest point of the tank
- The grade or slope will be at least .50" per linear foot to the drain
- Will have a minimum depth of 3"

GREYWATER

- Must include a 1.5" fill and a 1.5" or 2" vent located on the highest point of the tank
- Must include a 1.5" drain located on the lowest point of the tank
- Grade or slope will be .25" per linear foot to the drain
- Minimum depth - 3". Bottom edge radii on all holding tanks will be 1"
- The material is non-toxic, FDA accepted polyethylene

INSTALLATION RECOMMENDATIONS

Ameri-Kart holding tanks should always be stored out of direct sunlight and protected from freezing. The tanks should be at room temperature when installed. Chassis mounting of the tank eliminates the need for brackets or straps and provides positive support with excellent resistance to road shock and vibration. For "chassis mounting", the tank is fabricated with the top projected 1.50" to 3" along each side or end, for a depth of 3"-4". These molded projections must be used to correctly support the tank.

Some Ameri-Kart waste tanks less than 22" wide, have depressions molded in on each side to accept mounting brackets. Brackets must be firmly installed but not so tight as to produce a stressed condition. Straps no less than 1" wide should be used to support tanks less than 22" wide. On tanks over 22" wide, 2" straps are required. All straps should be installed 12"-18" apart depending on the width of the tank and bolted through the floor. Screws are NOT recommended for strap installation.

When determining locations for fittings, make sure that when installed, all stress is eliminated from fittings, tubing, and tanks.

Almost all fittings are "spun" or "heat welded" into the tank for complete sealing. Sealants, pipe dope, greases, petroleum jellies, glues or other adhesives are not compatible with polyethylene. Should there be a need to install an additional fitting after you have received a tank, Ameri-Kart offers self-sealing fittings that can be installed by the customer.

To test a tank, fill it with plain water and check visually. **DO NOT USE A LIQUID SOAP OR DETERGENT SOLUTION** as the solution will cause stress cracking in the plastic.