



HOUSTON POLYTANK
208 Craig St. Hopkins, Mo 64461



(2) 20,000 Gallon Tanks



POLYETHYLENE AND POLYPROPYLENE STORAGE

Professional Manufacturer of Custom Plastic Tanks
from 50-50,000 Gallons, Pipes, and Ductwork.
Reactors up to 200°F



Certified to
NSF/ANSI 61

Proven Technology

- Plastic Spiral Winding technology developed and started more than 20 years ago in Europe.
- Our tanks are the high performance alternative to Carbon steel, Stainless Steel, Fiberglass, and Rotationally Molded Tanks.

Quality Products

- FDA approved materials (PE100)
- NSF/ANSI 61 Certified
- Built to German **DVS 2205 Standard**
- Rigorous Quality Control Documentation that follows the tank throughout manufacturing process.
- Each tank undergoes triple pass stick welding and extrusion welding.
- All integral welds are spark tested.
- Each tank undergoes a 24 hour hydro test. (Air test if requested.)

Standard Diameters:

- 26" ID • 8'OD • 12'OD
- 30" ID • 10'OD • 14'OD

OD's over 30" and under 8' can be custom made using our butt welder.



(2) Polyethylene Desert Tan Tanks



What we offer:

Custom Tanks:

Our tanks are made from either Polyethylene, Polypropylene, or Co-Poly. Our plastic tanks are sold in several varieties. The volume of any tank can be changed by altering the tanks height and diameter.

- All tanks can be equipped with accessories quickly and safely, enabling their convenient utilization for various applications. Tank accessories or options include flanges, vents, manways, catwalks, ladder and safety cage, handrail, mixer mount, inspection ring, float level indicator, heating components, or mixing accessories.
- UV inhibitor—Double colored wall to prevent UV penetration available.



Tank Design

Choosing your tanks material.

The tank material depends on the product being stored as well as the storage temperature. For more information on chemical resistance of the materials we use, check out the chart tab on our website. Reactor and Mixer tanks tend to be made from Polypropylene because in many cases the chemical reaction generates heat.

Choice of Tank Design:

We offer a variety of design options to custom suit your needs.

Design options:

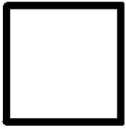
Peak temperatures:

HDPE: up to 140°F

Polypropylene: up to 180°F

Flat Top &

Flat Bottom



Open Top



Recessed

Top



Cone Top



Cone Bottom

- Skirted



Cone Bottom

-Metal Legs



Slope

Bottom



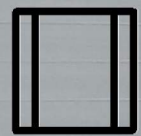
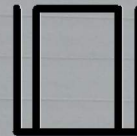
Secondary Containment

Several options available:

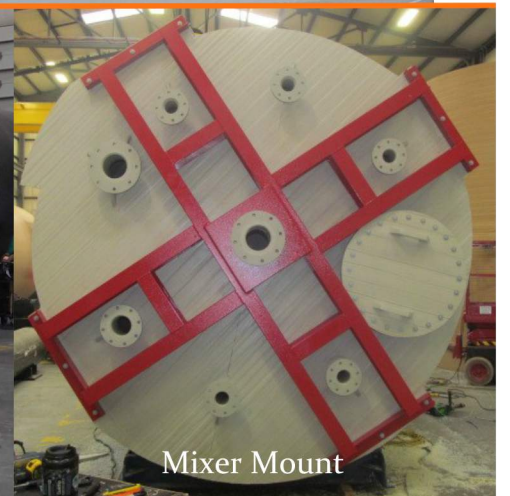
- Containment tank using the same floor and lid.
- Containment using double floors and the same lid.
- Fittings can be welded through the walls of our secondary containment tanks.

Open Containment

Closed Containment



30° Cone Bottom



Mixer Mount

Fittings and Accessories

Fitting Options:

- Threaded
- Vent with Stainless Steel Bug Screen
- Welded ANSI Flanges
- Manways - Side & Top

Accessories:

- Ladder with safety cage / Catwalk
- Handrail
- Heater or heating coil/ Insulation System
- Tie downs
- Lighting Protection
- Inspection ring
- Mixer Mount (Poly or Steel)

Other Products:

We also offer poly pipe and flanged ductwork.



Mixer Mount on top of tank



Hand Rail and Ladder



Inspection ring
on load cells



RF Flange

Why Houston PolyTank?

20,000 Gallon Hydrogen Peroxide Tank

Low Maintenance - Higher Quality - Eco Friendly

- Longer lasting and durable.
- Our tanks do not bulge - eliminates stress cracks and keeps structure sound.
- We are able to repair and modify tanks post production easily.
- Non-oxidizing
- No need for liners
- Tank color is part of the plastic itself, no need to sand blast/repaint.
- Double colored tanks use a single fused piece of plastic raising structural integrity. (Useful for UV protection and heat leaching)
- Immune to corrosion.



650 Gallon
PE Tank



7,300 Gallon Polyethylene Tank

Tank Applications

- Reactor / Mixer
- Storage of Acid and Bases (pH. 0-14)
- Sodium Hypochlorite up to 19%
- Hydrochloric Acid
- Nitric Acid
- 98% Sulfuric Acid
- Water & Wastewater
- Pharmaceutical
- Saturated Calcium Chloride
- Ferric Sulfate
- Hydrogen Peroxide
- Magnesium Chloride
- Food product storage (made with FDA approved materials)
- A variety of other uses

