

TERRA PURE

HIGH PURITY VESSELS





flexibility

STANDS TO MEET YOUR REQUIREMENTS

PEDESTAL

The molded, all-plastic, pedestal can never corrode. Molded entirely of LPE (no metal reinforcement), this unique tank stand is capable of supporting loads in excess of 4,000 lbs. A convenient “mousehole” provides easy access to the bottom center fitting. The pedestal accommodates both 125 and 250 gallon tanks.



INTEGRAL PLASTIC LEG STANDS

When your application requires pumps and piping directly below the tank, our custom, integral plastic leg stands provide the non-corrodable solution. Fabricated by our own technicians, the all-plastic (HDPE) leg stand is hot nitrogen fused directly to the tank for maximum strength and stability. Standard clearance from pump deck to drain hole is 18”, but Terracon can customize to fit your exact needs. The sturdy platform allows easy access to your pump and piping and keeps your equipment off the floor. Available for both 125 and 250 gallon size tanks.



DESIGNED FOR THE PUREST PROCESS WATERS OR CHEMISTRIES

TerraPure and TerraPure-F tank technology represent the first real, cost-effective innovation for the storage of pure waters or chemicals. With a primary emphasis on high purity, Terracon engineers have created a tank that meets these design requirements. The one piece, capsule shape design provides complete drainage. A Viton® gasket on the lid maintains nitrogen blanket pressure.

TERRAPURE-F

Fluorinated for ultrapure storage, this model offers, in addition to the standard features, a PTFE barrier layer. This fluoropolymerization technique provides an inert surface - no extractables, no ionic contamination - all at a fraction of the cost of traditional Teflon® tanks.

FEATURES OF TERRAPURE

- 1 Ideal for D.I., R.O. water. No added T.O.C., V.O.V, or ions
- 2 Gas tight for nitrogen blanketing, no atmospheric intrusion
- 3 180°F capability (intermittent)
- 4 Custom fitting placement
- 5 34" tank diameter, fits through a standard doorway
- 6 Chlorine resistant for disinfection, sterilization
- 7 Capsule design for complete drainage
- 8 Molded, all plastic pedestal
- 9 Plastic or steel fabricated stands available
- 10 Steam cleanable

Fittings

Terracon has a wide variety of fittings and accessories for tanks. We can customize placement, orientation, even the fitting itself. Many sizes are available. Consult factory for your specific requirements.

Spray Balls

For thorough cleaning of your TerraPure tanks, we offer Teflon® rotating spray nozzles. The fluoropolymer construction resists chemical attack and corrosion. The nozzles are rotated by the reactionary force of the cleaning liquid and require no external power source. This rotating motion, when combined with the nozzle's multiple orifice configuration, produces a solid, steady stream for effective automated cleaning. They are especially well suited for clean-in-place systems.

Additionally, Terracon can fabricate an in-tank installation of the spray wash system, so the only time you have to remove it from the tank is when it's time to change out the spray nozzle. The configuration enables the optimal spray angle for best cleaning.

STEEL LEG STANDS

Painted steel stands offer an economical alternative to plastic leg stands. Standard clearance is 18" (30" model shown here). The steel stands are constructed to securely support the TerraPure tank, without taking up extra floor space. The raised pump deck keeps equipment off the floor and provides easy access below the tank. Can be used on both 125 and 250 gallon tanks. Stainless steel versions are available (consult factory).



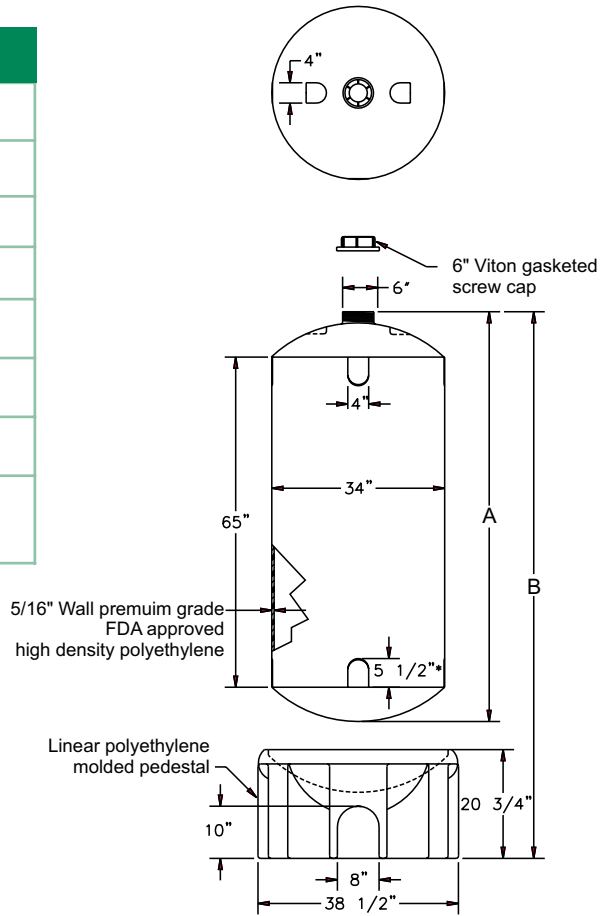
Terracon offers tanks in hundreds of other sizes and shapes. A multi-industrial source for quality thermoplastic process vessels, Terracon has exceptional flexibility in fitting and positioning any additional components onto your tank. We use the latest fabrication technology and adhere to stringent industrial standards to provide the highest quality water, ultra-pure water and chemistry storage products.



Materials of Construction

Tank	Linear polyethylene (LPE)
Fittings	Linear polyethylene (LPE)
Plastic leg stand	Linear polyethylene (LPE)
Cover	High density polyethylene (HDPE)
Gaskets	Viton® fluoroelastomer
TerraPure-F barrier	Polytetrafluoroethylene (PTFE)
Coated steel leg stand	Steel with enamel or epoxy paint (Stainless steel available)

- TerraPure-F fittings are post-molded fluorinated.
- TerraPure laboratory test results available upon request; Total Organic Carbon (TOC), Volatile Organic Compounds (VOC), Ionic Contamination.



Description	Gallons (Actual)	Dimensions (in)			Weight		Top Opening (ID inches)	Max 2 Pressure PSI @70°F	Max Temp °F/C (water storage)	
		A	B ¹	Bottom Clearance	Tank	Stand			Intermittent ³	Continuous
125 Gallon pedestal	134	44	55	11	50	68	6	1.5	180/82	150/65
125 Gallon plastic leg stand	134	44	56	12	98	N/A	6	1.5	180/82	150/65
125 Gallon steel stand	134	44	62	18	50	110	6	1.5	180/82	150/65
250 Gallon pedestal	271	81	92	11	81	68	6	1	180/82	150/65
250 Gallon plastic leg stand	271	81	93	12	141*	N/A	6	1	180/82	150/65
250 Gallon steel stand	271	81	99	18	81	11	6	1	180/82	150/65

¹ Terracon recommends 6" ceiling clearance above this height to facilitate installation and removal of cap.

² Consult factory for applications with higher pressures

³ Less than 15 minutes

* These weights include the tank and stand (integrally welded together)

