

HT-TITAN™ Double-wall Underground Tanks



Highland Tank



HT-TITAN™

Tanks for the 21st Century and beyond!

The HT-TITAN™ is the most technologically advanced underground storage tank available anywhere in the world!

This recent breakthrough in underground storage tank protection involves bonding a high molecular weight (HMW) polymer outer tank to a steel inner tank using high heat and pressure. The result is an extremely tough outer thermoplastic tank.

HT-TITAN™'s innovative enhancements offer secondary containment and damage resistance along with reduced installation costs.

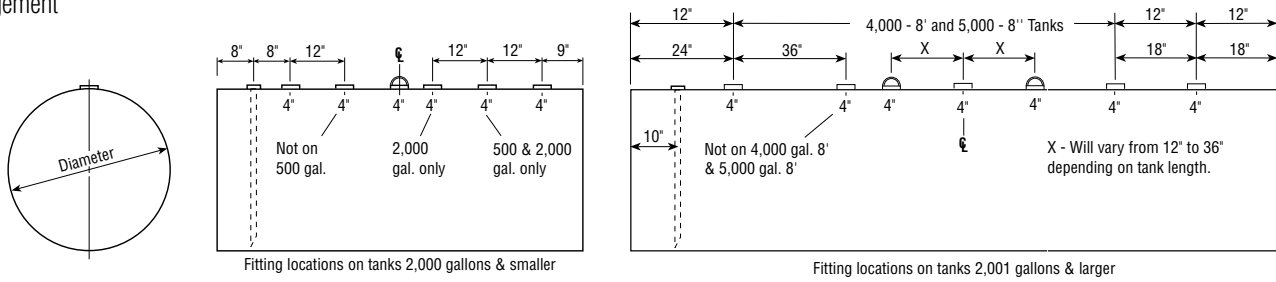
Striker plates are provided under each opening for added protection. Each HT-TITAN™ is engineered for a minimum of sixty inches of overburden. The outer tank made of rigid high molecular weight (HMW) polymer surpasses the performance standards of Underwriters Laboratories UL-1746.

Features

- Double-wall Tank with Secondary Containment
- Virtually Damage-proof Exterior
- Low Installation Cost
- 30-year Limited Warranty
- Superior Strength
- Single and Multiple Compartments
- 500–30,000 gallon capacities



General Arrangement



Capacity (Gallons)	Dimensions		Approx. Weight lbs.
	Diameter	Length	
500 - 10 ga.	4'0"	5'5"	716
500 - 7 ga.	4'0"	5'5"	911
1,000 - 10 ga.	4'0"	10'9"	1,231
1,000 - 7 ga.	4'0"	10'9"	1,567
1,000	5'4"	6'0"	1,417
1,500	5'4"	9'0"	1,909
2,000	5'4"	12'0"	2,401
2,500	5'4"	15'0"	2,892
3,000	5'4"	18'0"	3,384
4,000	5'4"	24'0"	4,368
4,000	6'0"	19'0"	5,310
4,000	8'0"	10'8"	4,661
5,000	6'0"	23'10"	6,477
5,000	8'0"	13'4"	5,573
6,000	6'0"	28'8"	7,647
6,000	8'0"	16'0"	6,433
8,000	8'0"	21'4"	8,150
8,000	10'0"	14'0"	7,635
10,000	8'0"	26'8"	9,871
10,000	10'0"	17'0"	8,843
12,000	8'0"	32'0"	11,588
12,000	10'0"	20'6"	10,253
15,000	8'0"	40'0"	17,327
15,000	10'0"	25'6"	15,004
20,000	10'0"	34'0"	19,192
25,000	10'6"	38'9"	27,645
30,000	10'6"	46'6"	31,625

Recommended Guideline Specifications

The following items are the critical elements that should be included in the Mechanical (HVAC) Specifications for HT-TITAN™ Underground Storage Tanks.

Furnish and install a _____ gallon underground steel storage tank, _____ inches in diameter x _____ inches long with the HT-TITAN™ corrosion control and secondary containment system as manufactured by Highland Tank. The tank shall be built in accordance with UL-58, UL-1746, and HT-TITAN™ specifications. The tank will have:

- _____ 4" dia., and _____ 2" dia. threaded NPT fittings as located on drawing.
- Striker plates required under each opening.
- HT-TITAN™ Corrosion Control System.
- HT-TITAN™ HMW Polymer Secondary Containment System.

- _____ hold-down straps for _____ dia. tanks with neoprene liner and turnbuckles (2 per strap).

The secondary containment tank wall shall be made of High Molecular Weight (HMW) Polymer extruded and applied at the tank factory.

Both the primary storage tanks and secondary containment jacket shall be compatible with gasoline, gasahol, ethanol, methanol, jet fuel, av-gas, kerosene, diesel fuel, and motor oil at ambient underground temperature or fuel oil stored at temperatures not to exceed 120° F.

The primary storage tank shall be contained in a 360°, air-pressure testable and unbreakable jacket, bonded together and sealed off at the fittings.

There shall be an interstitial space between the primary and secondary containment jacket to allow 100% fluid migration between the walls under maximum load conditions.

The corrosion control system shall be in strict accordance with TITAN™ specifications as applied by a licensee of TITAN™ Inc. and shall have a limited 30-year warranty against failure due to exterior corrosion and internal corrosion when used with petroleum products or alcohol. Tank shall bear UL-1746 and HT-TITAN™ labels.

Tank shall be manufactured by Highland Tank, Stoystown, PA; Manheim, PA; Watervliet, NY; Greensboro, NC; or Somersworth, NH.

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