Highland has taken an already advanced technology — the TITAN® — and enhanced it with many new features and all the same reliability.

The TITAN® is the most technologically advanced underground storage tank available anywhere in the world.

This breakthrough technology in underground storage tank protection involves bonding, at every opening, a high molecular weight (HMW) polymer outer tank to a steel inner tank using high heat and pressure. The result is an extremely tough double-wall tank.

Both the primary and secondary tank walls are compatible with all motor fuels and their ethanol, methanol and MTBE additives. The TITAN® still offers secondary containment and damage resistance along with reduced installation costs.

This enhanced detail shows the TITAN®’s cascading shell design, seal-welded and epoxy coated bottom of inner tank for added protection.

Striker plates are provided under each opening for added protection. Each TITAN® is engineered to allow for sixty inches of overburden. The outer tank, made of rigid HMW polymer, meets the performance standards of UL-1746.

TITAN® tanks are for the storage of unheated product only. The temperature of any tank component or contents cannot exceed 100° F.

For high-temperature storage applications, we recommend using the Highland HotShot Heated Product Storage Tank.

TITAN® defined “state-of-the-art” in underground storage tanks over 16 years ago by using the patented fusion bond method of sealing tough, space-age polymer to the steel tank around all fittings and manways.
outstanding protection with jacket technology

This enhanced detail shows the TITAN®’s cascading shell design, seal-welded and epoxy coated bottom of inner tank for added protection.

Cascading shell sections provide a natural slope for any moisture accumulation in the tank to travel to the lowest point on the lined interior for extraction.

**TITAN® Features**
- Sump collar seal-welded to tank jacket
- 48” Bravo sump riser
- Stainless steel monitoring pipe
- Cascading shell sections for complete water removal access
- Seal-welding and epoxy coating on bottom 60º of inner tank for added protection
- A 24” steel manway with choice of 1-5 fitting layouts for the manway cover
- Resin mounting kit for sump riser and a mixing tool for each site
**Structurally Superior**
The primary tank is made of steel. No other tank fabricating material can match the structural strength and product compatibility of steel. The TITAN® is built to UL-58 standards.

**Technically Advanced**
The TITAN® tank employs a rigid, HMW polymer in the most advanced application method in the industry. This innovation, using sound engineering principles and quality control procedures, meets the approval of Underwriters’ Laboratories.

**Secondarily Contained**
TITAN® assures secondary containment with its minimum 100 mil thick HMW polymer outer tank. UL-1746 interstitial communication performance tests assure that each TITAN® tank can alert its owner of a problem in as little as five minutes.

**Readily Available**
Highland fabricates TITAN® tanks at multiple locations making them available for delivery to meet your installation schedule.

**Cost Effective**
A factory-activated vacuum tightness test assures inner and outer tank integrity at delivery, eliminating a site tightness test by installers. At 19% shorter than domed-end tanks, the TITAN® requires less excavation and backfill. Single and double bulk-headed compartments can further reduce installation, insurance, monitoring and maintenance costs.

**Competitively Priced**
The TITAN® is priced to sell. Highland Tank, with over sixty years in the tank business, guarantees “Quality, Service and Delivery at Competitive Prices.”
**Standard Features**

- UL-1746 Listed
- Complete secondary containment
- Virtually damage-proof exterior
- Low installation cost
- 10-Year limited warranty -
- 30-Year limited warranty available
- Superior strength
- Single or multiple compartments
- 5,000 - 29,600 gallon capacities

**Volume Inside Tank Dimensions**

<table>
<thead>
<tr>
<th>Gallons</th>
<th>Diameter</th>
<th>Length</th>
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<tr>
<td>5,000</td>
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**Typical arrangements for 1 - 5 fittings standard in one manway cover**