

Built on Tradition



Highland Tank®



TITAN® Tank

Jacketed Double-Wall Underground Storage Tank with Integrated Sump

HT-1068

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

The TITAN® is a technologically advanced underground storage tank. 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.

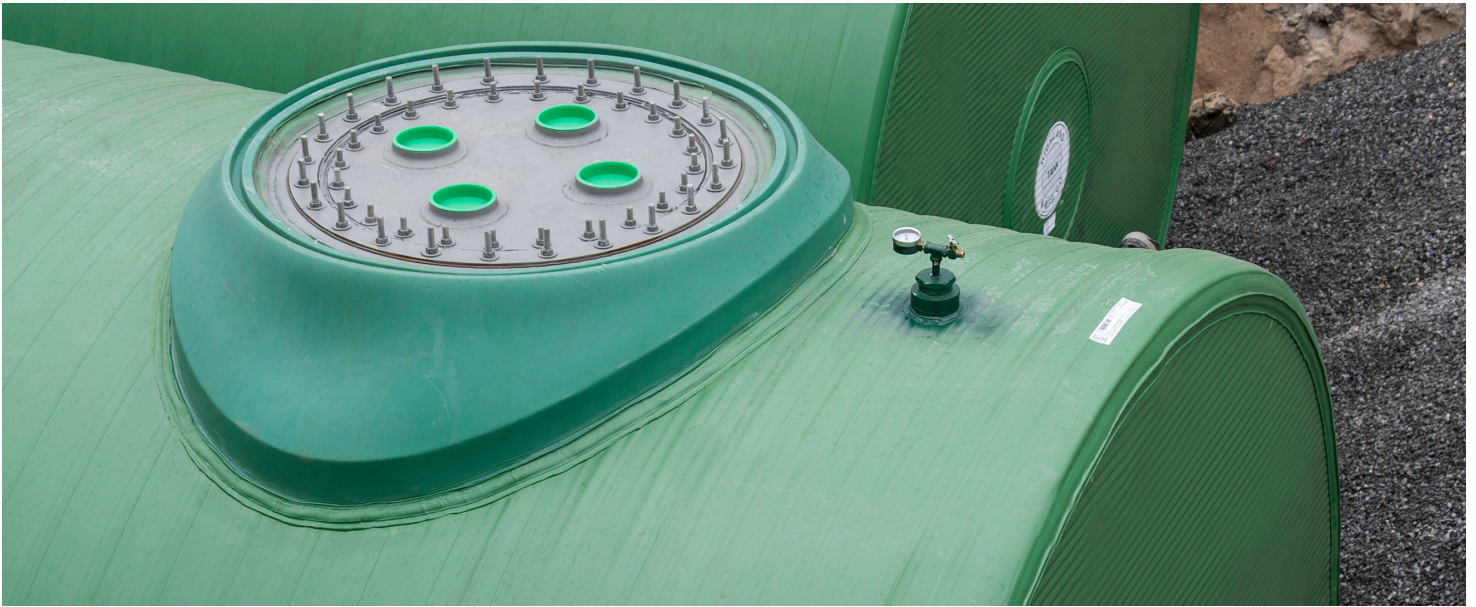
This enhanced detail shows the TITAN®'s cascading shell design, seal-welded and epoxy coated bottom of inner tank for added protection.

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.

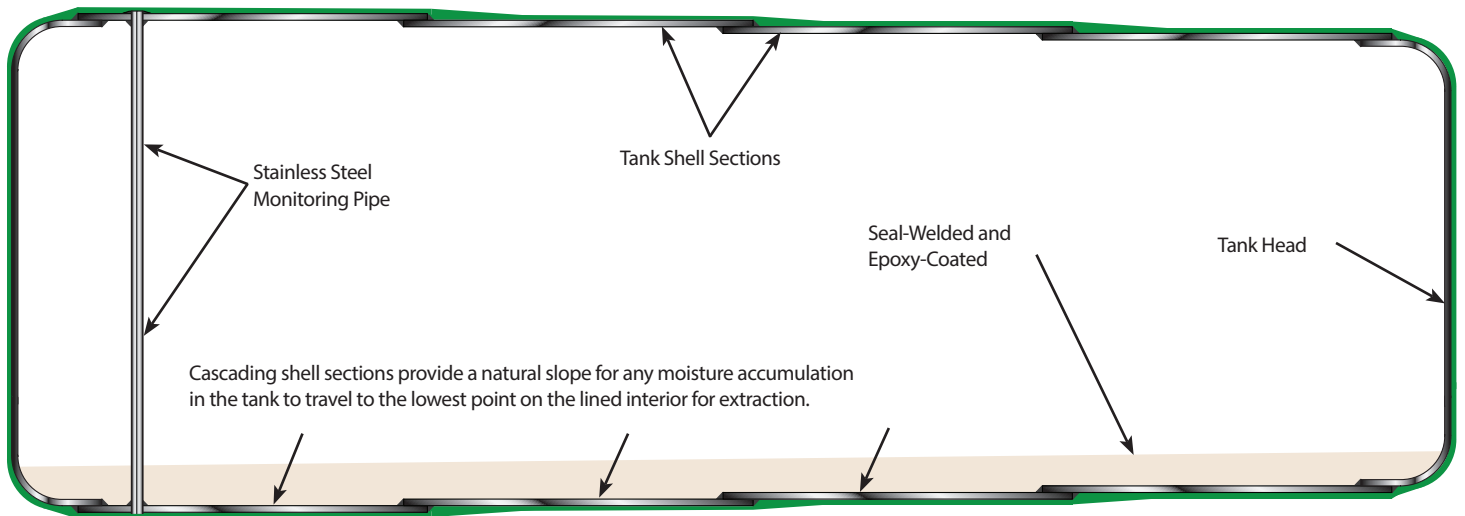


TITAN® Features

- Sump collar seal-welded to tank jacket
- 42" Bravo sump riser
- Stainless steel monitoring pipe
- Cascading shell sections for complete water removal access
- Seal-welding and epoxy coating on bottom 60° 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



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



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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

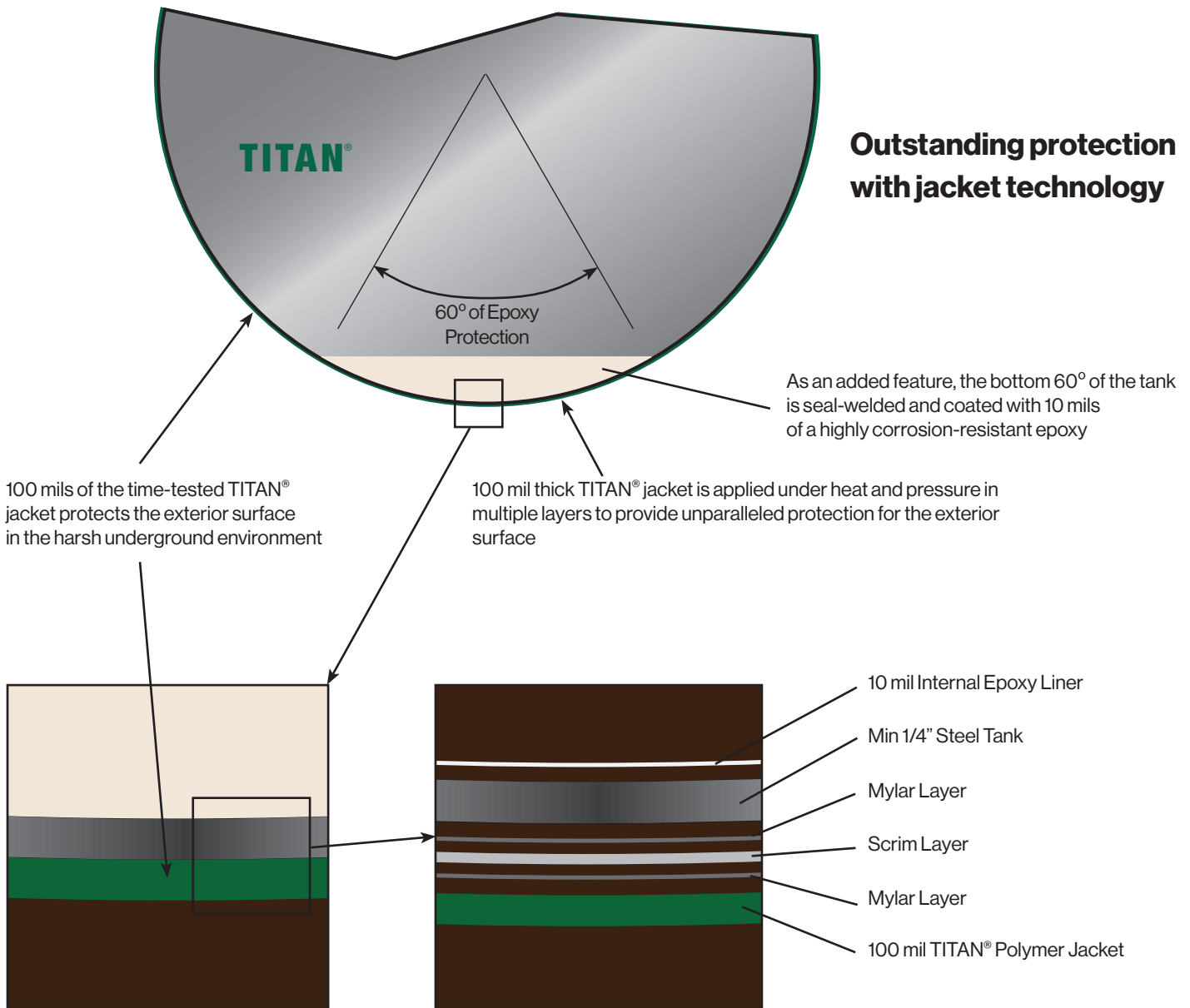
Highland fabricates TITAN® tanks at multiple locations making them available for delivery to meet your installation schedule.

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."

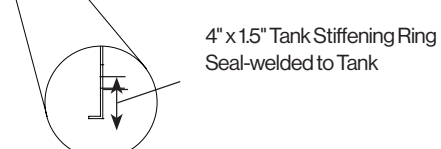
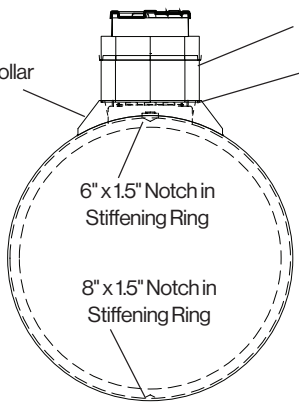
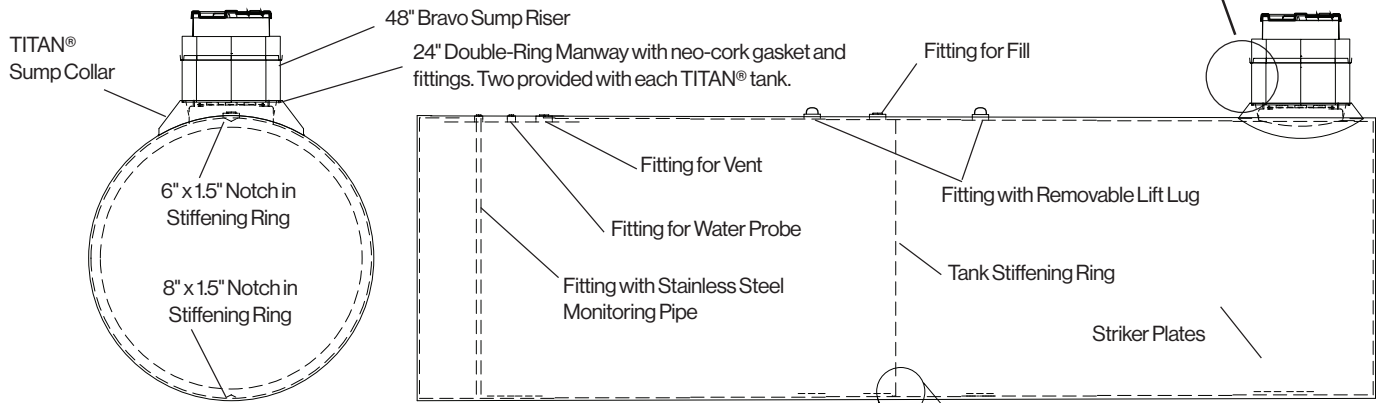
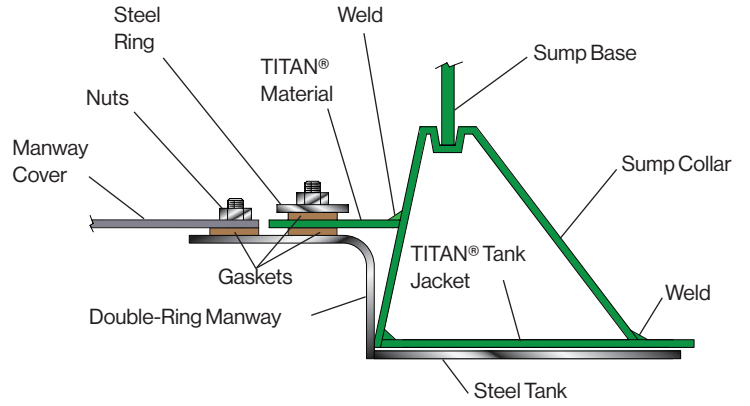


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Drawing & Details

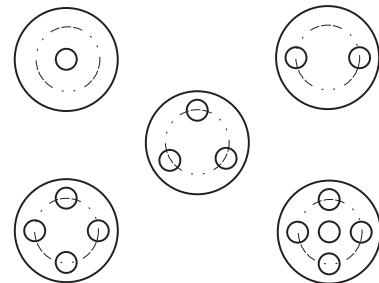
Standard Features

- 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 Gallons	Nominal Inside Tank Dimensions Diameter	Length
5,000	8'0"	13'4"
6,000	8'0"	16'0"
8,000	8'0"	21'4"
10,000	8'0"	26'8"
10,000	10'0"	17'0"
12,000	8'0"	32'4"
12,000	10'0"	20'6"
15,000	8'0"	40'0"
15,000	10'0"	25'6"
20,000	10'0"	34'0"
20,000	10'6"	31'0"
25,000	10'6"	38'9"
29,800	10'6"	46'0"

Typical arrangements for 1 - 5 fittings standard in one manway cover



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