

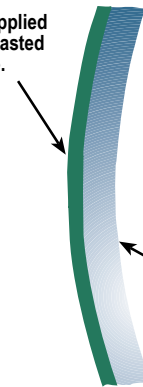
ACT-100-U[®] Protected Underground Steel Tanks



Highland Tank[®]



70 mils (min.) of ACT-100-U[®] Coating is applied to the grit-blasted tank surface.



UL-Listed Steel Primary Tank 10 Ga. to 3/8" thick

ACT-100-U[®]

ACT-100-U[®]

The ACT-100-U[®] tank is as rugged as the STI-P3[®] tank (industry standard) but does not require monitoring or cathodic protection with anodes. Performance tests prove the ACT-100-U[®] coating to be resistant to incidental damage. This impact resistance makes the Highland ACT-100-U[®] tank unlikely to suffer damage during transport or installation – and that means fewer problems for you in both the short and long term.

The ACT-100-U[®] coating is a unique multi-component polyurethane with high cross-link density. The ACT-100-U[®] coating meets or surpasses all perfor-

mance testing required by Underwriters Laboratories including impact resistance, adhesion, exposure to heat and cold, abrasion resistance and overall corrosion resistance. Highland's ACT-100-U[®] coating requires absolutely no artificial reinforcement.

Cost Effective

Highland's ACT-100-U[®] tanks are economical. On a total installed-cost basis, the ACT-100-U[®] tank costs less than any other unmonitored tank configuration on the market today. Imagine — improved performance and safety without a higher price tag!

Features

- Superior Product/Lower Cost
- Provides 70 mils Polyurethane Protection
- Isolates Tank from Piping with Nylon Bushings
- No Cathodic Monitoring Required
- UL-58 and UL-1746 Compliant
- 10-Year Limited Warranty

Threaded Fittings

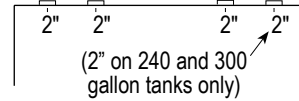
All standard Highland ACT-100-U® tanks are fabricated with predetermined quantities, sizes and locations of NPT fittings.

For additional product information, please visit our website at www.highlandtank.com. Contact one of our factories for exact sizes and locations on a specific tank capacity.

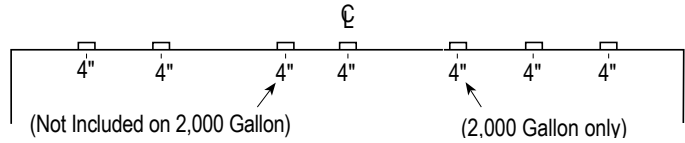
Flanged fittings, manways, linings, ladders and a wide array of other options are also available to tailor a tank to your specific needs.

Fitting Locations

240-1,500 gallon tanks



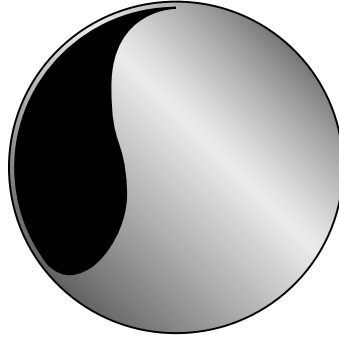
1,501 - 50,000 gallon capacities



Capacity (Gallons)	Dimensions	
	Diameter	Length
240	3'2"	4'0"
300 -10 ga.	3'2"	5'0"
300 - 7 ga.	3'2"	5'0"
500 -10 ga.	4'0"	5'0"
500 - 7 ga.	4'0"	5'0"
1,000 -10 ga.	4'0"	10'9"
1,000 - 7 ga.	4'0"	10'9"
1,000 - 7 ga.	5'4"	6'0"
1,500	5'4"	9'0"
2,000	5'4"	12'0"
2,500	5'4"	15'0"
3,000	5'4"	18'0"
4,000	5'4"	24'0"
4,000	6'0"	19'0"
4,000	8'0"	10'8"
5,000	6'0"	23'10"
5,000	8'0"	13'4"
6,000	6'0"	28'8"
6,000	8'0"	16'0"
8,000	8'0"	21'4"
8,000	10'0"	14'0"
10,000	8'0"	26'8"
10,000	10'0"	17'0"
12,000	8'0"	32'0"
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"
30,000	10'6"	46'6"
40,000	12'0"	47'6"
50,000	12'0"	59'6"

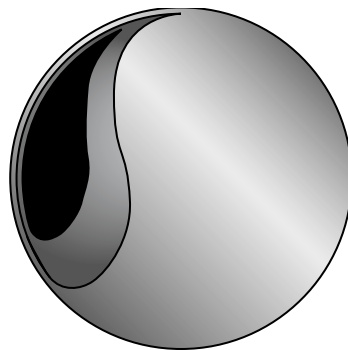
Single-wall

Single-wall tanks are constructed from mild carbon steel. Standard features include lap joints, continuous exterior fillet welds on all joints and flat-flanged heads. All tank's are air tested at 5 psi and seams are inspected.



Double-wall Type I

Double-wall Type I tanks are fabricated using the same construction techniques as single wall tanks. The primary steel vessel, is completely wrapped with a secondary steel wall. The area between vessel walls (the interstice) can be monitored for leak detection. Double-wall Type II construction that features a standoff that physically separates the primary and secondary tanks is also available.



Tank Steel Thickness

Tank thickness is in accordance with UL standards and is based on the Roark formula allowing for 60" of overburden. Please contact a Highland factory representative if intending to bury tanks more than 60" deep.

Environmentally Friendly

Unlike polyester/fiberglass composite tanks which utilize amines, styrenes and other hazardous materials in production, the ACT-100-U® coating resin uses none of these materials and is environmentally friendly. This polyurethane coating is not an environmentally regulated material. It can be disposed of as non-hazardous material, thus complimenting Highland Tank and our customers' environmental programs.

Long Term Quality

Highland's ACT-100-U® tanks are manufactured and coated under strict quality control procedures and must pass a 15,000 volt spark test before shipment. All tanks carry a 10-year limited warranty with extended warranty options available.



Please visit us at www.highlandtank.com

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