

Built on Tradition



Highland Tank



ACT-100-U Protected Tanks

HT-1047

ACT-100-U® polyurethane coating technology meets or surpasses all current UL standards. The ACT-100-U® is as rugged as the STI-P3® tank but does not require cathodic protection with anodes or monitoring.

Performance tests prove that the 70 mil thick ACT-100-U® coating is far superior to Fiberglass Reinforced Polyester (FRP) coatings and much more resistant to incidental damage.

ACT-100-U® Features

- UL-58 and UL-1746 compliant
- Must pass a 15,000 volt spark test before shipment
- No cathodic protection monitoring required
- Available in single or double-wall
- STI® standard 10-year limited warranty
- 30-year limited warranty is available

***Tank Isolation with Nylon Bushings
No Cathodic Protection Required***

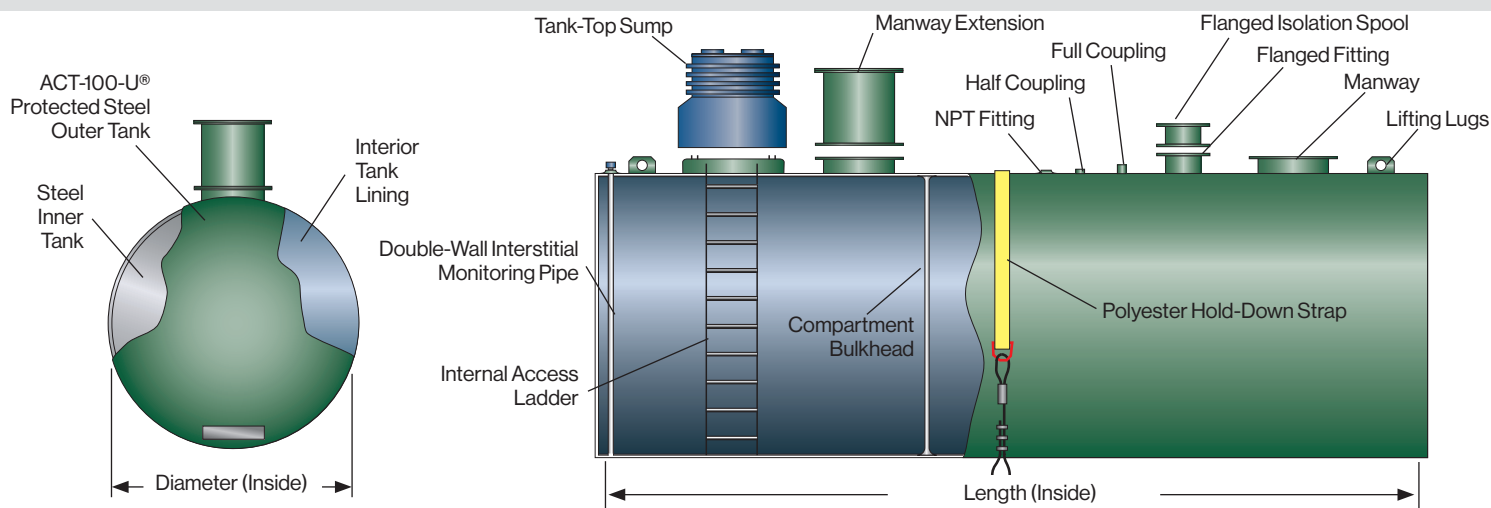
A 70 mil (min) coating is applied to the steel grit-blasted tank surface

UL-Listed Steel
Primary Tank 10
gauge to .375" thick



ACT-100-U®

Drawing & Details



ACT-100-U® Features

- UL-58 and UL-1746 compliant
- Provides 70 mils dielectric polyurethane protection
- Cured films are free of pores
- Must pass a 15,000 volt spark test before shipment
- Strong, flexible and resistant to impact, abrasion and corrosion
- No cathodic protection monitoring required
- STI standard 10-year limited warranty
- Extended 30-year limited warranty is available
- Flexible designs
- Volumes from 240-50,000 gallons
- Custom sizes available
- Multi-product storage compartments

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 Highland if deeper burial depths are required.

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.

The polyurethane coating, in its cured state, is not an environmentally regulated material and can be disposed of as non-hazardous material, complimenting your environmental programs.

Volume Gallons	Tank Dimensions	
	Diameter	Length
240	3'-2"	4'-0"
300	3'-2"	5'-0"
500	4'-0"	5'-5"
1,000	4'-0"	10'-9"
1,000	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	10'-0"	14'-0"
8,000	8'-0"	21'-4"
10,000	10'-0"	17'-0"
10,000	8'-0"	26'-8"
12,000	10'-0"	20'-6"
12,000	8'-0"	32'-0"
15,000	10'-0"	25'-6"
15,000	8'-0"	40'-0"
20,000	10'-0"	34'-0"
20,000	10'-6"	31'-0"
25,000	10'-0"	42'-6"
25,000	10'-6"	38'-9"
30,000	10'-0"	51'-2"
30,000	10'-6"	46'-6"
40,000	12'-0"	47'-6"
50,000	12'-0"	59'-6"



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