

**Built on Tradition**



**Highland Tank®**



# HighGuard Underground Storage Tanks

HT-1089

The HighGuard Tank features a strong dielectric coating of high solids polyurethane for protection, even under the most difficult conditions. The HighGuard protective coating is a dense, solvent-free, tar-free, two-component polyurethane coating system with high impact properties and tensile strength.

After manufacturing and rigorous testing, the tank's exterior surfaces are commercially blasted with steel grit in preparation for coating.

HighGuard's spray-applied coating ensures an even thickness of 75 mils over the entire surface of the tank. This superior strength coating resists surface damage due to impact or abrasion that may occur during transportation, rigging and installation.

HighGuard tanks do not require cathodic protection or expensive corrosion monitoring. They out-perform fiberglass-reinforced polyester clad tanks and do not require any artificial reinforcement.

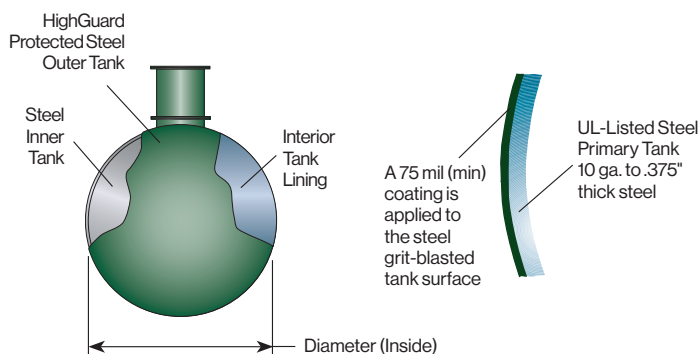
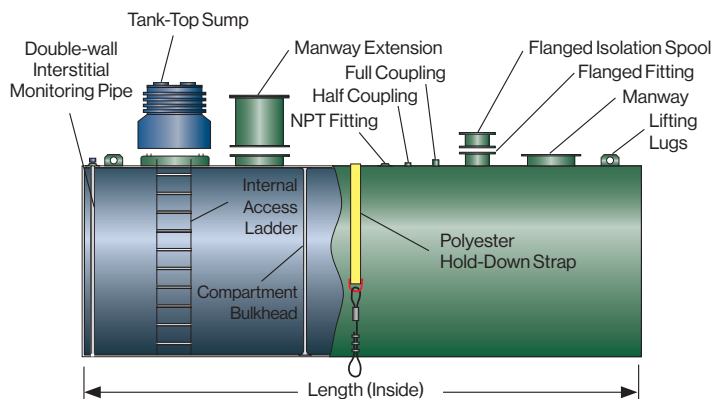
The finished tank is quality checked by a spark test to ensure coating integrity and effective corrosion protection that can be measured in decades, rather than years.

## HighGuard Features

- UL-58 and UL-1746 compliant
- Provides 75 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
- Highland standard 10-year limited warranty
- Highland 30-year limited warranty is available

# Drawing & Details

Volume Gallons	Nominal 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"



## Product Compatible

- Alternate fuel compatible without the additional cost of internal linings
- Safe storage for all motor fuels and biofuels, including biodiesel and ethanol blends

## Cost Effective

- On a total installed-cost basis, HighGuard's cost is less than any other unmonitored tank configuration on the market today
- No job site spark or air test required
- Lightweight construction = lower shipping and handling costs

## Flexible Designs

- Volumes from 240-50,000 gallons & custom sizes
- Multi-product storage compartments

## Environmentally Friendly

- Most environmentally-friendly coating on the market
- Uses no hazardous materials in production
- Can be disposed of as a non-hazardous material – steel tanks are 100% recyclable



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