ACT-100® Steel/FRP composite tank features a strong steel tank for structural integrity, and a 100-mil fiberglass outer coating for long-lasting corrosion protection. Double-wall design allows continuous interstitial leak detection and monitoring.

Features the strength of steel with a 100-mil fiberglass outer coating

ACT-100® features:

- Meets UL 58, UL 1746 and ULC-S603.1
- A high-voltage holiday test of the coating assures that the steel is isolated from corrosive soils
- Can be used with a variety of leak detection systems
- Steel provides complete compatibility with all blends of ethanol and biodiesel fuels
- Impermeable to all petroleum products and vapors
- No failures due to external corrosion in its history
- Flat end design reduces the cost of installation and increases site layout flexibility

Additional features:

- Steel tank provides structural strength, while its outer coating of fiberglass prevents corrosion
- Various backfill options allow for money-saving installation
- Capacities range up to 60,000 gallons
- Single or double-wall construction

Compatible with a wide range of fuels and chemicals, including biodiesel and ethanol

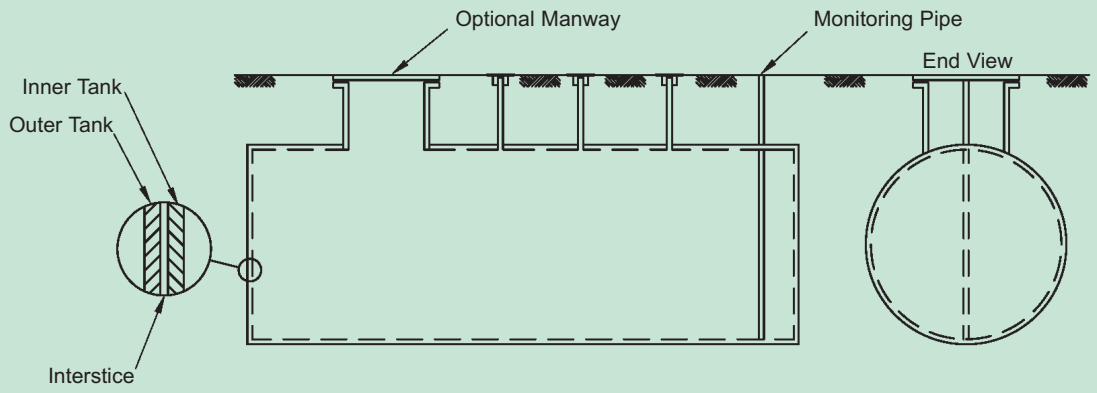
ACT-100® Benefits:

- Steel construction allows for recycling
- Low cost compartments and customization
- Built to nationally-recognized STI standards with strict third-party quality control inspection program

PROTECT THE ENVIRONMENT.
BUY RECYCLABLE STEEL TANKS.

ACT-100® is available from a large network of STI Licensed Manufacturers • www.steeltank.com

ACT-100® Double-Wall Underground Steel Storage Tanks



- **Steel Tank Institute ACT-100® and UL Labeled**
- **Compatible with alternative fuels**
- **Low cost compartments and customization**
- **Flat ends reduce installation costs**
- **Provides safe and effective secondary containment**
- **Capacities range up to 60,000 gallons**

ACT-100® Guideline Specification

A) General

1. Provide ACT-100® external corrosion protected FRP composite steel underground storage tanks.

B) Labeling

1. Tanks shall bear the Steel Tank Institute ACT-100® label.
2. Underground tanks shall bear the appropriate Listing label.

C) Product Description

1. Tanks shall be manufactured in accordance with Steel Tank Institute ACT-100® Specification for External Corrosion Protection of FRP Composite Steel Underground Storage Tanks.
2. Tanks shall be manufactured and listed in accordance with Underwriters Laboratories UL 58, Steel Underground Storage Tanks for Flammable and Combustible Liquids and UL 1746, External Corrosion Protection Systems for Steel Underground Storage Tanks or ULC-S603.1, Standard for Corrosion Protection for Steel Underground Tanks for Flammable and Combustible Liquids.
3. Double-wall tanks shall provide testable secondary containment on site and access for interstitial leak detection monitoring.
4. Tanks shall have a minimum 100-mils of an approved FRP laminate on the tank exterior.
5. Tanks shall be factory tested with a high-voltage holiday test.

D) Manufacturer

1. Manufacturer shall be a licensed member company of the Steel Tank Institute and subject to Steel Tank Institute's Quality Assurance program.

A division of STI/SPFA 944 Donata Court Lake Zurich, IL 60047 Ph: (847)438-8265 Fx: (847)438-8766 Web: www.steeltank.com

ACT-100® is available from an extensive group of Steel Tank Institute fabricators who participate in the STI Quality Assurance Program. Under the program, independent quality control inspectors make unannounced visits to STI members, ensuring fabrication to the highest possible standards.

6/10-2M-Item #020-50-0001