



THE FIREGUARD® DOUBLE-WALL FIRE-PROTECTED ABOVEGROUND STORAGE TANK FEATURES AN INNER STEEL TANK WITH A UNIQUE LIGHTWEIGHT THERMAL INSULATION MATERIAL THAT ALLOWED FIREGUARD TO EXCEED THE UL 2-HOUR FIRE TEST. AN EXTERIOR STEEL WALL PROVIDES SUPERIOR WEATHERABILITY AND LOW-COST MAINTENANCE.

- UL 2085 Listed as both a “Protected” and “Fire-Resistant” tank
- Insulates product in tank from ambient temperature variations and thus reduces emissions
- Insulating material is 75% lighter than concrete, reducing shipping, installation and relocations costs
- Primary and secondary tank can be tightness tested on site with standard testing procedures
- Steel outer wall provides low cost maintenance and protection from weathering
- Interstitial space can be monitored for leak detection
- Support designs available for all seismic zones



Double-Wall Steel Design Provides Structural Strength And Protection Against Weathering

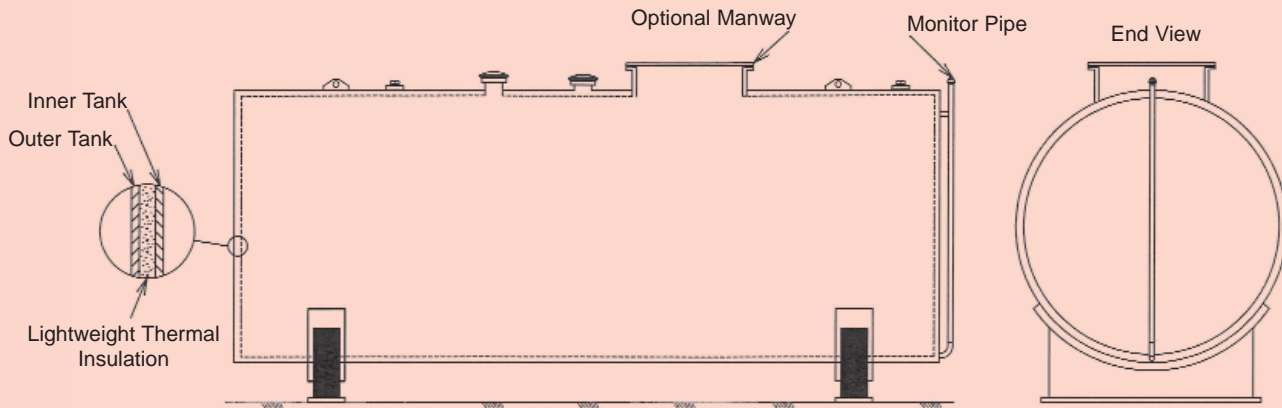


- Horizontal, vertical and rectangular designs available
- Steel is the green choice - it is capable of being recycled after tank closure
- Low cost compartments and customization
- Capacities range up to 50,000 gallons
- Built to nationally-recognized STI standards with strict third-party quality control inspection program
- Available from a large network of STI licensed manufacturers

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



Fireguard® Double-Wall Fire-Protected Aboveground Steel Storage Tanks



- Steel Tank Institute Fireguard® and UL Labeled
- Lightweight thermal insulation for fire protection
- Variety of UL approved supports available
- Compatible with a wide range of fuels and chemicals
- Capacities range up to 50,000 gallons
- Easily relocated

Fireguard® Guideline Specification

A) General

1. Provide Fireguard® double-wall Fire-Protected lightweight steel aboveground storage tanks.

B) Labeling

1. Tanks shall bear the Steel Tank Institute Fireguard® identification label.
2. Tanks shall bear Underwriters Laboratories UL 2085 label for Protected Tanks.

C) Product Description

1. Tanks shall be manufactured in accordance with Steel Tank Institute, Standard for Fireguard® Thermally Insulated Aboveground Storage Tanks.
2. Tanks shall meet the requirements for “protected” tank as defined by the IFC and NFPA 30.
3. Tanks shall consist of an inner steel wall and an outer steel wall separated by at least 3 inches of insulation.
4. A lightweight monolithic thermal insulation material

- shall be placed in the tank’s interstitial space by the manufacturer. The thermal insulating material shall allow liquid to migrate through the interstice to the monitoring point, shall not be exposed to weathering and shall be protected by the steel secondary containment outer wall.
5. Integral secondary containment shall be testable and provide access for interstitial leak detection monitoring.
 6. UL listed supports shall be used for all horizontal, rectangular and vertical tank(s).
 7. Primary tank to have vent and emergency vent. Secondary tank to have emergency vent.

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.

Use the STI Technology Guide online for your next Fireguard® specification!



All you need in tanks !



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6/06-5M-Item #130-50-0001