FIREGUARD® double-wall fire-protected aboveground storage tank features an inner and outer steel tank with a unique lightweight thermal insulation material that exceeds the UL 2-hour fire test. Insulating material is 75% lighter than concrete, reducing shipping, installation and relocation costs.

**FIREGUARD® Features:**

- Insulates product in tank from ambient temperature variations, reducing emissions to the environment
- Primary and secondary tank can be tightness tested on site with standard testing procedures, unlike other designs
- Steel outer wall provides low cost maintenance and protection from weathering
- Primary storage tank and secondary containment compatible with a wide range of fuels and chemicals, including biodiesel and ethanol
- Support designs available for all seismic requirements
- Interstitial space can be monitored for leak detection
- Meets temperature requirements when the furnace test was extended to 4 hours

**FIREGUARD® The only tank that meets all of these standards:**

- UL 2085 Listed “Protected” tank
- Ballistics and Impact protection per UL 2085
- Both the inner and outer steel tanks are built to UL standards
- National Fire Protection Association (NFPA) 30 & 30A
- International Fire Code (IFC)
- California Air Resources Board (CARB) Standing Loss Control testing requirements for air emissions
- Steel Tank Institute (STI) Standard F941 for Thermally Insulated Aboveground Storage Tanks

**Additional Features:**

- Capacities range up to 75,000 gallons
- Steel construction allows for recycling
- Low cost compartments and customization
- Built to nationally-recognized STI standards with strict third-party quality control inspection program

**Available Designs:**

- Horizontal
- Vertical
- Rectangular

FIREGUARD® is available from a large network of STI Licensed Manufacturers • www.steeltank.com
# FIREGUARD® SPECIFICATIONS

## CYLINDRICAL DESIGN

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## RECTANGULAR DESIGN

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*Dimensions and weights are sample sizes. Individual manufacturers may have alternate dimensions.

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**Is Your Aboveground Tank Everything It’s Cracked Up To Be?**

**FIREGUARD® vs CONCRETE ENCASED**

- Secondary containment is testable on-site using standard, economical testing procedures
- Impermeable, crack resistant steel outer tank which encloses the concrete encased primary tank
- Steel secondary containment provides added strength, security and is easily recycled
- The lightweight monolithic thermal insulation material Fireguard® uses is a specialized concrete that is part of a patented process resulting in a lighter material weight than concrete alone
- The secondary containment on certain designs may require elaborate and expensive procedures to be tested on-site
- Exposed concrete outer wall is susceptible to cracking, spalling and weathering - problems that are expensive to correct and are typically not covered by warranty
- Polyethylene sheeting depends on concrete for strength and takes years to decompose
- An average 12,000 gallon concrete encased tank weighs approximately 100,000 pounds - increasing costs in transporting and setting the tank in a new location

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

Fireguard® 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.