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.

Unique Thermal Insulating Material is 75% Lighter than Concrete

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

Compatible With a Wide Range of Fuels and Chemicals, Including Biodiesel and Ethanol

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

Outer Tank Dimensions *(inches)**				Outer Tank Dimensions *(inches)**			
Gallons	Diameter	Length	Approx. Weight(lbs.)	Gallons	Diameter	Length	Approx. Weight(lbs.)
186	48	54	1,750	4,000	90	174	12,300
250	48	68	2,100	5,000	102	168	13,750
300	50	72	2,350	6,000	102	198	15,500
500	60	76	3,100	8,000	102	258	20,000
560	60	84	3,350	10,000	102	330	24,500
1,000	70	78	3,800	12,000	102	390	28,000
1,500	70	114	5,500	15,000	126	312	34,500
2,000	70	150	6,500	20,000	126	414	39,500
2,500	70	186	7,900	25,000	126	516	49,000
3,000	70	222	9,000	30,000	126	618	74,000

RECTANGULAR DESIGN

Outer Tank Dimensions *(inches)**

Gallons	Length	Width	Height	Approx. Weight (lbs.)
186	44	44	55	2,100
250	117	36	36	3,100
250	78	50	36	2,800
500	140	51	36	4,800
750	140	72	35	6,100
1,000	127	72	36	4,300
1,000	88	72	50	3,800
1,500	124	88	43	5,400
2,000	140	86	50	6,300
2,000	140	72	60	6,100
2,500	140	88	60	7,000
3,000	250	72	50	10,900
3,000	117	102	72	8,800
4,000	331	72	50	14,100
4,000	154	102	72	10,900
5,000	336	72	60	15,600
5,000	191	102	72	13,100
6,000	402	72	60	18,400
6,000	228	102	72	15,200
8,000	370	102	60	21,500
8,000	302	102	72	19,400
10,000	460	102	60	26,300
10,000	376	102	72	23,700
12,000	451	102	72	27,900
15,000	386	102	102	36,500
18,000	462	102	102	42,900
24,700	465	137	102	51,650

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

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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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.

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