

FIREGUARD®

DOUBLE-WALL FIRE-PROTECTED ABOVEGROUND STORAGE TANKS

HALL TANK

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 hour

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

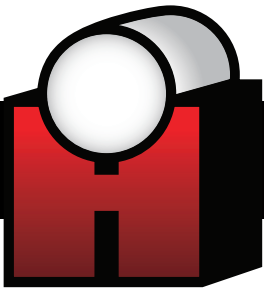


ADDITIONAL FEATURES:

- Capacities range up to 40,000 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



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CYLINDRICAL DESIGN - OUTER TANK DIMENSIONS

CAPACITY	DIAMETER	LENGTH	APPROX. WEIGHT	CAPACITY	DIAMETER	LENGTH	APPROX. WEIGHT
250 GAL.	48"	68"	2,100 LBS	4,000 GAL.	90"	174"	12,300 LBS
300 GAL.	50"	72"	2,350 LBS	5,000 GAL.	102"	168"	13,750 LBS
500 GAL.	60"	76"	3,100 LBS	6,000 GAL.	102"	198"	15,500 LBS
560 GAL.	60"	84"	3,350 LBS	8,000 GAL.	102"	258"	20,000 LBS
1,000 GAL.	70"	78"	3,800 LBS	10,000 GAL.	102"	330"	24,500 LBS
1,500 GAL.	70"	114"	5,500 LBS	12,000 GAL.	102"	390"	28,000 LBS
2,000 GAL.	70"	150"	6,500 LBS	15,000 GAL.	126"	312"	34,500 LBS
2,500 GAL.	70"	186"	7,900 LBS	20,000 GAL.	126"	414"	39,500 LBS
3,000 GAL.	70"	222"	9,000 LBS	25,000 GAL.	126"	516"	49,000 LBS
				30,000 GAL.	126"	618"	74,000 LBS

RECTANGULAR DESIGN - OUTER TANK DIMENSIONS

CAPACITY	LENGTH	WIDTH	HEIGHT	WEIGHT _{APPROX.}	CAPACITY	LENGTH	WIDTH	HEIGHT	WEIGHT _{APPROX.}
186 GAL.	44"	44"	55"	2,100 LBS	4,000 GAL.	154"	102"	72"	10,900 LBS
250 GAL.	117"	36"	36"	3,100 LBS	5,000 GAL.	336"	72"	60"	15,600 LBS
250 GAL.	78"	50"	36"	2,800 LBS	5,000 GAL.	191"	102"	72"	13,100 LBS
500 GAL.	140"	51"	36"	4,800 LBS	6,000 GAL.	402"	72"	60"	18,400 LBS
750 GAL.	140"	72"	35"	6,100 LBS	6,000 GAL.	228"	102"	72"	15,200 LBS
1,000 GAL.	127"	72"	36"	4,300 LBS	8,000 GAL.	370"	102"	60"	21,500 LBS
1,000 GAL.	88"	72"	50"	3,800 LBS	8,000 GAL.	302"	102"	72"	19,400 LBS
1,500 GAL.	124"	88"	43"	5,400 LBS	10,000 GAL.	460"	102"	60"	26,300 LBS
2,000 GAL.	140"	86"	50"	6,300 LBS	10,000 GAL.	376"	102"	72"	23,700 LBS
2,000 GAL.	140"	72"	60"	6,100 LBS	12,000 GAL.	451"	102"	72"	27,900 LBS
2,500 GAL.	140"	88"	60"	7,000 LBS	15,000 GAL.	386"	102"	102"	36,500 LBS
3,000 GAL.	250"	72"	50"	10,900 LBS	18,000 GAL.	462"	102"	102"	42,900 LBS
3,000 GAL.	117"	102"	72"	8,800 LBS					
4,000 GAL.	331"	72"	50"	14,100 LBS					

DIMENSIONS AND WEIGHTS ARE SAMPLE SIZES. INDIVIDUAL MANUFACTURERS MAY HAVE ALTERNATE DIMENSIONS.



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. www.steeltank.com