

The Flameshield®

fire-resistant

aboveground storage

tank is manufactured

with a tight-wrap

double-wall design.

**FLAMESHIELD®**

**Tested by SwRI to Comply with NFPA 30A-2000  
Fire-Resistant Tank Requirements**



Standard features

include tested

2-hour fire resistance,

built-in secondary

containment and

interstitial monitoring

capability.



*Economic  
Fire-Resistant  
Design*

- Tested by Southwest Research Institute to SwRI 97-04 requirements for fire-resistant tank performance
- Complies with NFPA 30A-2000, Code fire-resistant tank requirements
- Horizontal, vertical and rectangular designs available
- Double-wall design offers integral secondary containment which can be tested for tightness on site throughout tank life
- Diked design also available
- Interstitial space can be monitored for leak detection

*Meets or Exceeds NFPA 30A-2000, Edition Code Requirements  
for Fire-Resistant Tank Construction!*

NFPA 30A-2000, Section 2-4.5(a)  
states that a fire-resistant tank:

shall prevent release of  
liquid, failure of the  
primary tank, failure of  
the supporting structure,  
and impairment of venting  
for a period of not less  
than 2 hours when tested  
using a fire exposure that  
simulates a high intensity  
pool fire

- Support designs available for all seismic zones
- Primary storage tank and secondary containment compatible with a wide range of fuels and chemicals
- Built to nationally-recognized STI standards with strict third-party quality control inspection program
- Customized compartments can be provided for cost effective multi-product storage
- Capacity ranges up to 50,000 gallons
- STI licensed manufacturer
- Quality Assurance Program

If you would like more information concerning design and pricing, call

**919-751-1791 or 888-735-2882**

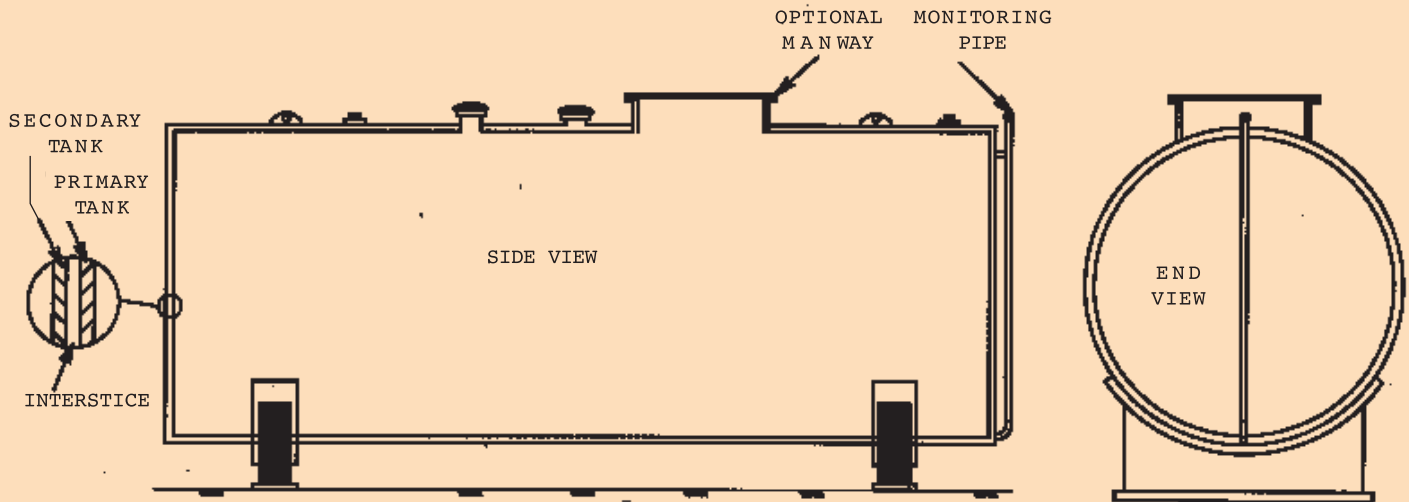
**GENERAL  
INDUSTRIES**

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# Flameshield® Fire-Resistant Double-Wall Aboveground Storage Tanks



- STI Flameshield® and SwRI 97-04 labels
- 300 ° or 360 ° outer wall for secondary containment
- Variety of approved supports available
- Capacity ranges up to 50,000 gallons
- Easily relocated

## Flameshield® Guideline Specification

### A) General

1. Provide Flameshield® fire-resistant, double-wall aboveground storage tanks.

### B) Labeling

1. Tanks shall bear the Steel Tank Institute Flameshield® fire-resistant, double-wall identification label.
2. Aboveground tanks shall bear Southwest Research Institute label for fire-resistant tank.

### C) Product Description

1. Tanks shall be manufactured in accordance with Steel Tank Institute Flameshield®, Standard for Aboveground Fire-Resistant Tanks.

2. Aboveground tank primary and secondary containment (inner and outer walls) are manufactured in accordance with Underwriters Laboratories UL 142, Standard for Steel Aboveground Tanks for Flammable and Combustible Liquids. Integral secondary containment provides testability and access for interstitial leak detection monitoring. Approved supports are used for all horizontal double-wall tanks.

3. (If needed) Supports are designed to meet choice of seismic zone 1-4.

### D) Manufacturer

1. Manufactured by General Industries

Use the STI Technology Guide online for your next Flameshield® Specification!



All you need in tanks!



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