

**FLAMESHIELD™**



## Modern's STI-Flameshield™ Aboveground Horizontal Storage Tanks



MODERN WELDING CO., INC.

1 800 922 1932

[www.modweldco.com](http://www.modweldco.com)

# FLAMESHIELD™



## Fire-Tested aboveground storage tank is manufactured with a tight-wrap double-wall design



Standard features include 2-hour fire tested, built-in secondary containment and interstitial monitoring capability.

- Tested by Southwest Research Institute to SwRI 97-04 requirements for fire-resistant tank performance
- Complies with NFPA 30A fire-resistant tank requirements, 1996 edition
- Horizontal, vertical, cylindrical and rectangular designs available
- Double wall design offer integral secondary containment.
- Interstitial space can be monitored for leak detection.
- Primary storage tank and secondary containment compatible with wide range of fuels and chemicals

### Meets or Exceeds NFPA Code Requirements 1996 Edition for Fire-Resistant Tank Construction!

NFPA 30A, Section 2-4.5(a) states that 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..."

If your project is required to follow NFPA 30 or 30A guidelines... Check with your area "Authority Having Jurisdiction" related to maximum allowable tank capacity for the class fuel being stored and secondary containment requirements.



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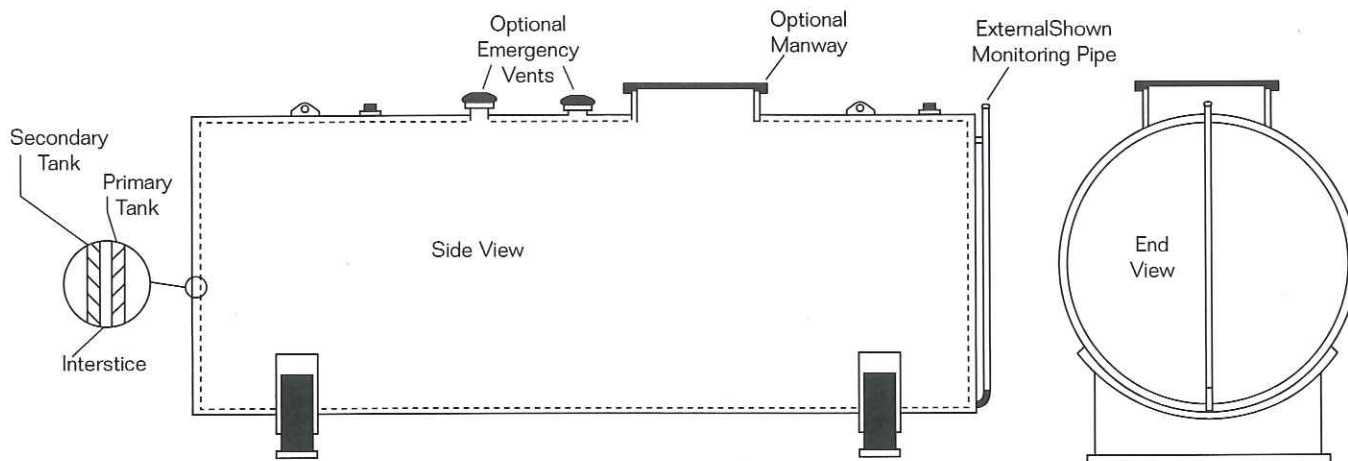
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## Flameshield™ Fire-Tested Double-Wall Aboveground Storage Tanks



- Carries STI Flameshield™ and SwRI 97-04 labels
- 300° to 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-tested, double wall aboveground storage tanks.

### B) Labeling

1. Tank bears the Steel Tank Institute Flameshield™ fire-tested, double-wall aboveground tank identification label.

### C) Product Description

1. Tank is manufactured in accordance with Steel Tank Institute F921 standard, Appendix D for fire-tested double-wall aboveground storage 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 access for interstitial leak detection monitoring.

### D) Quality Assurance

1. Modern Welding Company Subsidiaries are licensed members of the Steel Tank Institute and subject to Steel Tank Institute's Quality Assurance program.



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### MODERN WELDING CO., INC.

#### Corporate Offices

2880 New Hartford Road • Owensboro, KY 42303  
Phone: 270-685-4400 • Fax: 270-684-6972

www.modweldco.com • E-mail: modern@modweldco.com

**800.922.1932**

#### Modern Welding Company of Ohio, Inc.

One Modern Way, Newark, Ohio 43055  
Phone: (740) 344-9425 Fax: (740) 344-6018  
modern5@modweldco.com

#### Modern Welding Company of Iowa, Inc.

2818 Mt. Pleasant Road, Burlington, Iowa 52601  
Phone: (319) 754-6577 Fax: (319) 754-8428  
modern8@modweldco.com

#### Modern Welding Company of Georgia, Inc.

300 Prep Phillips Drive, Augusta, Georgia 30901  
Phone: (706) 722-3411 Fax: (706) 724-8133 (Fax)  
modern14@modweldco.com

#### Modern Welding Co. of Owensboro, Inc.

1450 E. Parrish Ave., Owensboro, Kentucky 42303  
Phone: (270) 683-5323 Fax: (270) 684-5245  
modern1@modweldco.com

#### Modern Welding Co. of California, Inc.

4141 N. Brawley Ave., Fresno, California 93722  
Phone: (559) 275-9353 Fax: (559) 275-4381  
modern10@modweldco.com

#### Modern Welding Co. of Florida, Inc.

1801 Atlanta Ave., Orlando, Florida 32806  
Phone: (407) 843-1270 Fax: (407) 423-8187  
modern6@modweldco.com

#### Modern Welding Co. of Texas, Inc.

2 Locations  
715 Sakowitz St., Houston, Texas 77020  
Phone: (713) 675-4211 Fax: (713) 673-4062  
modern7@modweldco.com

200 N. Main St., Rhome, Texas 76078  
Phone: (817) 636-2215 Fax: (817) 636-2680  
modern15@modweldco.com