



TECHNICAL DATA  
FROM  
**Anemostat**<sup>®</sup>  
DOOR PRODUCTS  
A MESTEK COMPANY

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**SAFE-Wire™**

1/4" (6mm)

WITH SURFACE APPLIED FILM  
(Fire & Impact/Safety Rated)



FIRE RATED BY  
UNDERWRITERS'  
LABORATORIES

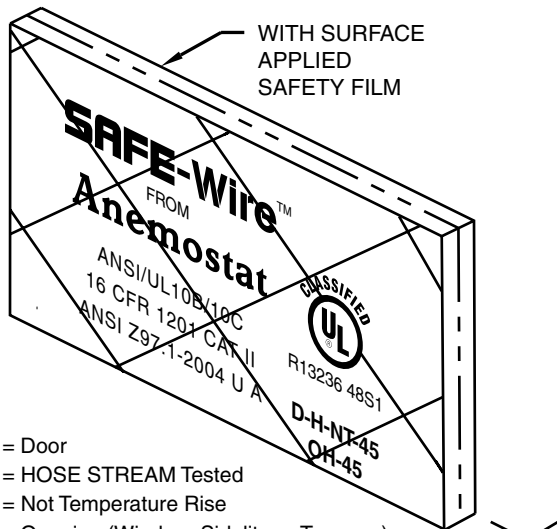


**CATEGORY II IMPACT/SAFETY RATED**  
ANSI Z97.1 2004 U A

DETAIL DRAWING

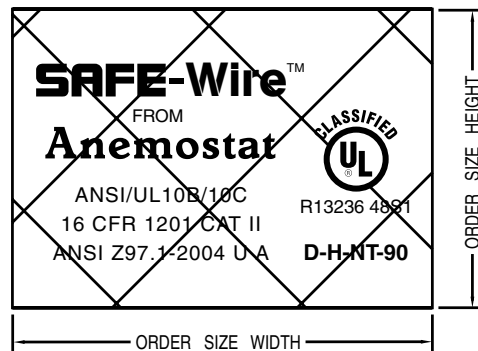
**FIRE & SAFETY RATED**

MEETS CURRENT IBC CODE REQUIREMENTS

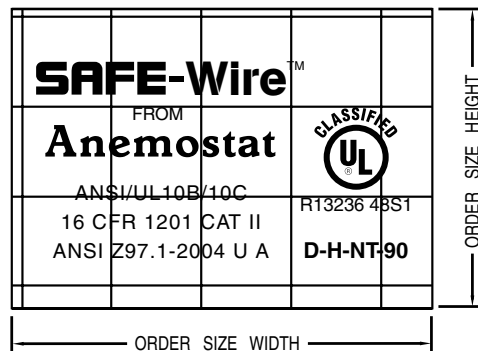


D = Door  
H = HOSE STREAM Tested  
NT = Not Temperature Rise  
OH = Opening (Window, Sidelite or Transom)

Anemostat manufacturing dimensions ±1/32 (1mm)  
Actual dimensions are nominal and may vary  
based on component manufacturers tolerances.



3/4" (19mm)  
Diamond  
Pattern



1/2" (13mm)  
Square  
(Georgian)  
Pattern

**STANDARD PRODUCT FEATURES**

- MATERIAL:** 1/4" (6mm) Polished wire glass with surface applied safety film.
- FINISH:** Clear with 3/4" x 3/4" (19mm x 19mm) diamond, or 1/2" x 1/2" (13mm x 13mm) square wire pattern.
- INSTALLATION:** SAFE-Wire shall be glazed into the appropriate fire rated framing with GT-18, 1/8" (3.2mm) fire rated glazing tape (supplied loose), to both sides of glass.
- CLASSIFICATION MARKINGS:** Each piece of cut to size 1/4" (6mm) SAFE-Wire glass is permanently etched with the listing mark of U.L., in accordance with standards set forth by N.F.P.A - 80 revised.
- USES:** SAFE-Wire glass is a fire and impact/safety rated glazing material, composed of polished wire glass and a special clear surface applied safety film. It carries a listing for use in INTERIOR Doors, Sidelites, Transoms and Borrowed Lites with fire ratings from 20 minutes to 90 minutes.
- NOTE:** Film is applied to one side of SAFE-Wire only. However, Fire Rating is not dependent on which way film faces in interior applications.
- Occasional process marks or small occlusions may occur due to the filming method employed in manufacturing this product. However, this does not affect the fire/safety performance or general vision area of the glazing and should not be a cause for rejection. Please refer to our Quality Specifications & Inspection Guidelines for Filmed Glazing for additional information (page 3).
- IMPORTANT:** Interpretation of building and fire codes may vary. Consult with the local authority having jurisdiction in your area, to determine appropriate standards.

**OPTIONAL FEATURES**

- SIZES:** Customized glass sizes to fit most any shape vision frame.

**FIRE RATINGS (w/ U.L. classification marking) Positive Pressure**

- 20 MINUTE:** Approved listing at 2994 sq.in. (1.932 m<sup>2</sup>) visible lite.
- 45 MINUTE:** Approved listing at 1296 sq.in. (0.836 m<sup>2</sup>) visible lite.
- 60/90 MINUTE:** Approved listing at 100 sq.in. (0.065 m<sup>2</sup>) visible lite.
- NOTE:** Labeled sizes over 1296 sq.in. (0.836 m<sup>2</sup>) are available providing installation application is appropriately fire rated.

**IMPACT / SAFETY RATINGS**

- Meets ANSI Z97.1-2004 U A and CPSC 16CFR-1201.
- Category I - up to 9 sq. ft. (0.837 m<sup>2</sup>)
- Category II - over 9 sq. ft. (0.837 m<sup>2</sup>)

**SOUND RATINGS with LoPro-STC**

- LoPro-STC with SAFE-Wire:**\* STC - 38
- TESTED SIZE:** 24" X 36" (610mm x 914mm) CUTOUT / ASSEMBLY
- TESTED IN ACCORDANCE WITH:** ASTM E90-09 and ASTM E2235-04. STC measurements determined in accordance with ASTM E413-04. Testing conducted at Western Electro - Acoustic Laboratory, Santa Clarita, CA.
- \* Fire Rated

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|---------------------|--------------|
| Job Name & Location | Submitted by |
|                     |              |