



TECHNICAL DATA  
FROM  
**Anemostat**  
DOOR PRODUCTS  
A MESTEK COMPANY

P.O. BOX 4938 • 1220 WATSONCENTER ROAD  
CARSON, CA 90745-4206  
(310) 835-7500 • FAX (310) 835-0448

e-mail: door@anemostat.com • website: www.anemostat.com

**FireLite® NT**  
3/16" (5mm) CLEAR  
WITH SAFETY FILM  
(Fire & Impact/Safety Rated)

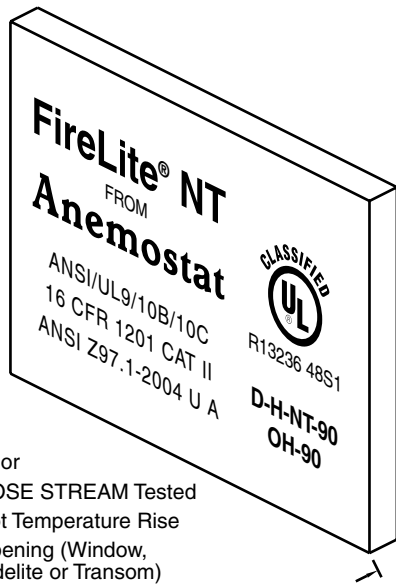


FIRE RATED BY  
UNDERWRITERS'  
LABORATORIES  
**B.S. or B.S.-EN**  
British Standard



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

**DETAIL DRAWING**

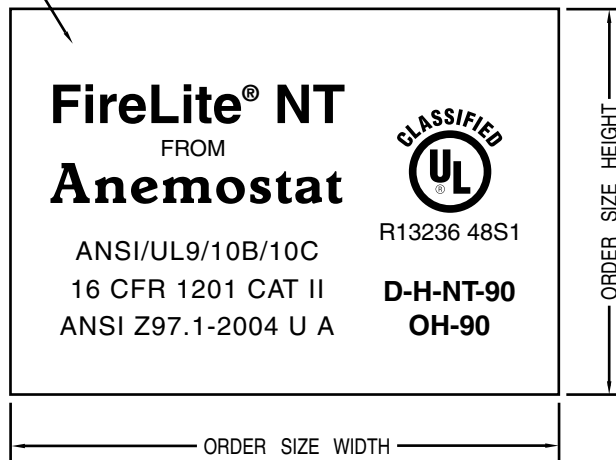


**PLEASE NOTE:** On visible lite sizes larger than 1296 sq. in. (0.836 m<sup>2</sup>) on 20/45 min. and 100 sq. in. (0.065 m<sup>2</sup>) on 60/90/180 min., please consult with your Door / Frame Manufacturer's procedures, for their maximum glass size tested.

- 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.

WITH SURFACE APPLIED SAFETY FILM



**STANDARD PRODUCT FEATURES**

- **MATERIAL:** 3/16" (5 mm overall) Clear Glass Ceramic with Surface-Applied Safety Film.
- **FINISH:** Clear available in:  
STANDARD (non-polished surfaces)  
PREMIUM - (polished surfaces)  
OBSCURE (patterned) available in standard only.
- **APPROX. VISIBLE TRANSMISSION:** 88%
- **INSTALLATION:** FireLite NT shall be glazed into the appropriate fire-rated framing with the film side to the building interior. Installation shall be with 1/8" (3.2mm) fire-rated glazing tape, (supplied loose) to both sides of glass.
- **CLASSIFICATION MARKINGS:** Each piece of cut to size Clear FireLite NT is permanently etched with the listing mark of U.L. in accordance with standards set forth by N.F.P.A. - 80 Revised.
- **USES:** FireLite NT carries listings for use in door, sidelites, transoms and borrowed lites with fire rating requirements ranging from 20 minutes to 3 hours. May be lightly sandblasted/etched one side without affecting fire rating.
- **NOTE:** Film is applied to one side of FireLite NT 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).

**IMPACT / SAFETY RATINGS**

- Meet ANSI Z97.1-2004 U A and CPSC 16CFR-1201 (Cat. I and II).
- **IMPORTANT:** Interpretation of building and fire codes may vary. Consult with the local authority having jurisdiction in your area, to determine appropriate standards.

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

- Listed by Underwriters Laboratories, Inc.® Test report number for labeled fire-rated assemblies is: UL File No. R13377. Tests performed in accordance with ASTM E-152, ASTM E-163, NFPA 252, UL-9, UL-10B, UL-10C, UBC 43.2, UBC 43.4, UBC 7.2-97, UBC 7.4-97, CSFM 43.7, CAN4 S-104 and CAN4 S-106.

**DOORS**

- **20/45/60 MINUTE:** Approved listing at 3204 sq. in. (2.067 m<sup>2</sup>) visible lite. max. width 36" (914mm), max. height 89" (2261mm).
- **90\* MINUTE:** Approved listing at 2034 sq. in. (1.312 m<sup>2</sup>) visible lite. max. width 36" (914mm), max. height 56 1/2" (1435mm).
- **60\*\*/90\*\* MINUTE:** Approved listing at 100 sq. in. (0.065 m<sup>2</sup>) visible lite. max. width 12" (305mm), max. height 33" (838mm).
- **3 HOUR:** Approved listing at 100 sq. in. (0.065 m<sup>2</sup>) visible lite. max. width 12" (305mm), max. height 33" (838mm).

\*Non Temperature Rise Door. \*\* Temperature Rise Door

**OTHER THAN DOORS (TRANSOMS, SIDELITES and BORROWED LITES)**

- **20/45 MINUTE:** Approved listing at 3325 sq. in. (2.145 m<sup>2</sup>) visible lite. max. width 95" (2413mm), max. height 95" (2413mm).
- **60 MINUTE:** Approved listing at 3325 sq. in. (2.145 m<sup>2</sup>) visible lite. max. width 95" (2413mm), max. height 95" (2413mm).
- **90 MINUTE:** Approved listing at 2627 sq. in. (1.694 m<sup>2</sup>) visible lite. max. width 56-1/2" (1435mm), max. height 56-1/2" (1435mm).

**BS 476.22** - British

**BS-EN-1634** - British

Timber Doors - 30 / 60 min.

Steel Doors - 240 min.

**SOUND RATINGS with LoPro-STC**

- **LoPro-STC with FireLite NT (Fire Rated):** STC - 35
- **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.

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

For Most Current Info, Consult Factory or check our website, [www.anemostat.com](http://www.anemostat.com)