



TECHNICAL DATA
FROM
Anemostat
DOOR PRODUCTS
A MESTEK COMPANY

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

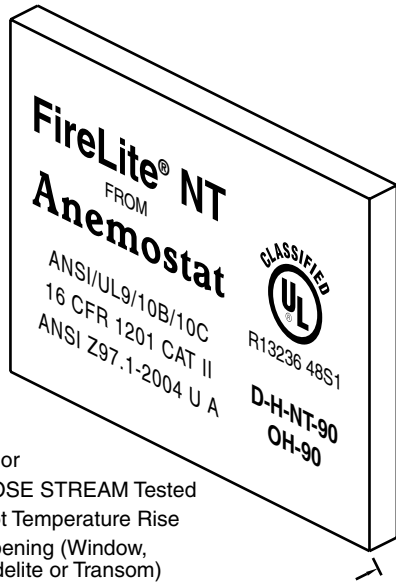


FIRE RATED BY
UNDERWRITERS'
LABORATORIES
B.S. or B.S.-EN
British Standard



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

DETAIL DRAWING

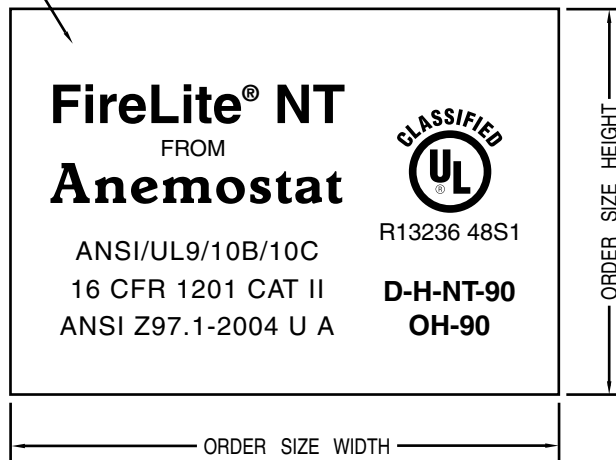


PLEASE NOTE: On visible lite sizes larger than 1296 sq. in. (0.836 m²) on 20/45 min. and 100 sq. in. (0.065 m²) on 60/90/180 min., please consult with your Door / Frame Manufacturer's procedures, for their maximum glass size tested.

- 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 m²) visible lite.
max. width 36" (914mm), max. height 89" (2261mm).
- **90* MINUTE:** Approved listing at 2034 sq. in. (1.312 m²) visible lite.
max. width 36" (914mm), max. height 56 1/2" (1435mm).
- **60**/90** MINUTE:** Approved listing at 100 sq. in. (0.065 m²) visible lite.
max. width 12" (305mm), max. height 33" (838mm).
- **3 HOUR:** Approved listing at 100 sq. in. (0.065 m²) 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 m²) visible lite.
max. width 95" (2413mm), max. height 95" (2413mm).
- **60 MINUTE:** Approved listing at 3325 sq. in. (2.145 m²) visible lite.
max. width 95" (2413mm), max. height 95" (2413mm).
- **90 MINUTE:** Approved listing at 2627 sq. in. (1.694 m²) 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