TGP FIRE RATED
one source. many solutions.®

WireLite® NT

BIM 3D MODEL AVAILABLE | FIRE-RATED | HOSE STREAM TESTED | IMPACT-RATED | POSITIVE PRESSURE TESTED | CLASSIFIED UL

FIRE-RATED, SAFETY-RATED WIRED GLASS

WireLite® NT is a nominal 1/4" (6 mm) thick fire-rated and impact safety-rated glazing material composed of wired glass and surface-applied fire-rated film. It is listed for use in doors, sidelites, transoms and borrowed lites with fire rating requirements for 20, 45, 60 and 90 minutes.

FEATURES

- **Fire-rated for 20, 45, 60 and 90 minutes with required hose stream test**
- **Impact safety-rated—meets ANSI Z97.1 and CPSC 16CFR1201 (Cat. I and II)**
- **Wired glass with high performance surface-applied fire-rated film**
- **Available in Diamond Clear (3/4" pattern) and Georgian Clear (1/2" pattern)**
- **Available as an insulated glass unit (IGU)**
- **Withstands thermal shock**
- **Passes positive pressure test standards UL 10C, UBC 7-2 and UBC 7-4**
- **Fits in Designer Series Fireframes® from TGP, or standard fire-rated frames**
- **3-year limited warranty***

Note: This product is not a barrier to radiant heat. This product does not meet test standards ASTM E-119 or UL 263. If your jurisdiction requires a "barrier to heat" product, please contact Technical Glass Products regarding Pilkington Pyrostop®.

LISTINGS

Listed and labeled by Underwriters Laboratories, Inc.® and Underwriters Laboratories of Canada. File number for labeled fire-rated assemblies is R13377. Testing performed in accordance with UL 9, UL 10C, ASTM E2074, ASTM E2010, NFPA 252, NFPA 257, UBC 7-2 and UBC 7-4.

RATING	ASSEMBLY	MAX. EXPOSED AREA (in^2 / ft^2)	MAX. WIDTH OF EXPOSED GLAZING (in)	OR	MAX. HEIGHT OF EXPOSED GLAZING (in)
STANDARD SIZES					
20 min.	**DOORS** (non-temp rise) **OTHER THAN DOORS**	3, 289 / 22.84 1, 296 / 9	34–3/4 54		92 54
45 min.	**DOORS** (non-temp rise) / **OTHER THAN DOORS**	1, 296 / 9	54		54
60 min. - 90 min.	**DOORS**	100 / .69	10		33
SIZES WHEN GLAZED WITH PEMKO FG3000™					
45 min.	**DOORS** (non-temp rise) **OTHER THAN DOORS**	2, 856 / 19.83 4, 608 / 32	34 100		84 100
60 min.	**WOOD DOOR** (non-temp rise)	960 / 6.66	12		80
90 min.	**DOORS** (non-temp rise)	552 / 3.83	12		46

Note: Individual lite sizes cannot exceed "Max. Exposed Area" shown above.

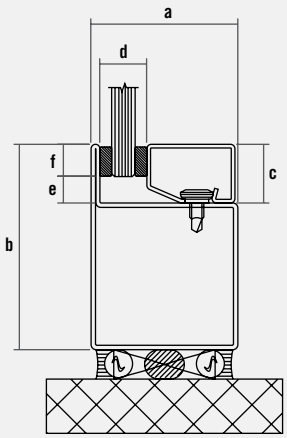
GENERAL CHARACTERISTICS

THICKNESS:	Nominal 1/4" (6 mm) overall
WEIGHT:	3 lb / ft^2
APPROX. VISIBLE TRANSMISSION:	77%
FIRE RATING:	20, 45, 60 and 90 minutes
IMPACT SAFETY RATING:	Meets ANSI Z97.1 and CPSC 16CFR1201 (Cat. I and II)

Detail based on use of Fireframes Designer Series narrow profile framing

Glazing Thickness: 1/4" (nominal)

a. Frame width: 2"
b. Frame height: 2-3/4"
c. Stop height: 5/8" (typical)
d. Pocket width: 9/16"
e. Edge clearance: 1/4"
f. Bite: 1/2"



SPECIFICATIONS

All glass designated on the drawings as fire-rated and impact safety-rated shall be nominal 1/4" (6 mm) thick WireLite NT supplied by Technical Glass Products.

Complete 3-part CSI format specifications are available online at **fireglass.com**, or by calling **800.426.0279.**

LABELING

Each piece of WireLite NT shall be permanently labeled with the WireLite NT logo, UL logo and fire rating.

INSTALLATION

WireLite NT shall be glazed into the appropriate fire-rated framing with an approved glazing compound (pure silicone, closed cell PVC tape, or DAP 33 putty) as supplied by the installer.

For sizes larger than 1, 296 in^2 or 54" in one dimension (noted in the size schedule for standard sizes), WireLite NT shall be glazed with Pemko FG3000™ as supplied by the installer.

STORAGE & HANDLING

Inspect each piece of WireLite NT immediately before installation and eliminate any with observable edge damage or face imperfections. WireLite NT must be handled with care during transportation, storage, inspection and installation. Store in a dry place.

FAMILY OF PRODUCTS

TGP offers a complete family of products for all your fire-rated glazing needs, ranging from 20 minute to 3 hour applications.

Fireglass®20	Fire-rated, impact safety-rated toughened glass
FireLite®	Fire-rated glass ceramic
FireLite® NT	Fire-rated, impact safety-rated glass ceramic with surface-applied film
FireLite Plus®	Fire-rated, impact safety-rated glass ceramic
FireLite® IGU	Fire-rated or fire/impact safety-rated insulated glass units
Pilkington Pyrodur®	Fire-rated, impact safety-rated glass
Pilkington Pyrostop®	Fire-rated, impact safety-rated transparent wall panels
WireLite®	Fire-rated, wired glass
WireLite® NT	Fire-rated, impact safety-rated wired glass with surface applied film
Fireframes®	Fire-rated framing & doors for use with all TGP glass products

© Mar 2010 Technical Glass Products. FireLite and FireLite Plus are registered trademarks of Nippon Electric Glass Co., Ltd. Pilkington Pyrodur and Pilkington Pyrostop are registered trademarks of Pilkington plc. Technical Glass Products, Fireglass, Fireframes, WireLite and One Source. Many Solutions. are registered trademarks of Technical Glass Products. For current listing details, please call Technical Glass Products.