



## FIRE-RATED, SAFETY-RATED WIRED GLASS

WireLite<sup>®</sup> 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 (19 mm) and Georgian Clear, 1/2" pattern (12.7 mm)
- Available as an insulated glass unit (IGU)
- Withstands thermal shock
- Passes positive pressure test standards UL 10C
- Fits in Fireframes<sup>®</sup> Designer Series 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<sup>®</sup>.

### LISTINGS

Classified and labeled by Underwriters Laboratories, Inc.<sup>®</sup> and Underwriters Laboratories of Canada. File number for labeled fire-rated assemblies is R13377. Testing performed in accordance with UL 9, UL 10C, NFPA 252 and NFPA 257.

RATING	ASSEMBLY	MAX. EXPOSED AREA	MAX. WIDTH OF EXPOSED GLAZING	OR	MAX. HEIGHT OF EXPOSED GLAZING
<b>STANDARD SIZES</b>					
20 min.	DOORS (non-temp rise) OTHER THAN DOORS	3,289 in <sup>2</sup> (2.12 m <sup>2</sup> ) / 22.84 ft <sup>2</sup> 1,296 in <sup>2</sup> (.84 m <sup>2</sup> ) / 9 ft <sup>2</sup>	34–3/4" (883 mm) 54" (1,372 mm)		92" (2,337 mm) 54" (1,372 mm)
45 min.	DOORS (non-temp rise) / OTHER THAN DOORS	1,296 in <sup>2</sup> (.84 m <sup>2</sup> ) / 9 ft <sup>2</sup>	54" (1,372 mm)		54" (1,372 mm)
60 min. - 90 min.	DOORS	100 in <sup>2</sup> (.06 m <sup>2</sup> ) / .69 ft <sup>2</sup>	10" (254 mm)		33" (838 mm)
<b>SIZES WHEN GLAZED WITH PEMKO FG3000™</b>					
45 min.	DOORS (non-temp rise) OTHER THAN DOORS	2,856 in <sup>2</sup> (1.84 m <sup>2</sup> ) / 19.83 ft <sup>2</sup> 4,608 in <sup>2</sup> (2.97 m <sup>2</sup> ) / 32 ft <sup>2</sup>	34" (839 mm) 100" (2,540 mm)		84" (2,134 mm) 100" (2,540 mm)
60 min.	WOOD DOOR (non-temp rise)	960 in <sup>2</sup> (.62 m <sup>2</sup> ) / 6.66 ft <sup>2</sup>	12" (305 mm)		80" (2,032 mm)
90 min.	DOORS (non-temp rise)	552 in <sup>2</sup> (.36 m <sup>2</sup> ) / 3.83 ft <sup>2</sup>	12" (305 mm)		46" (1,168 mm)

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

<b>SURFACE FINISH</b>	Diamond	Georgian
<b>MAX. SHEET SIZE</b>	58" x 100" (1.47 m x 2.54 m)	58" x 100" (1.47 m x 2.54 m)

## GENERAL CHARACTERISTICS

<b>THICKNESS:</b>	Nominal 1/4" (6 mm) overall
<b>WEIGHT:</b>	3.79 lb / ft <sup>2</sup> (18.50 kg / m <sup>2</sup> )
<b>APPROX. VISIBLE TRANSMISSION:</b>	77%
<b>FIRE RATING:</b>	20, 45, 60 and 90 minutes
<b>IMPACT SAFETY RATING:</b>	Meets ANSI Z97.1 and CPSC 16CFR1201 (Cat. I and II)

## 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](http://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 (closed cell PVC tape, or DAP 33 putty) as supplied by the installer.

For sizes larger than 1,296 in<sup>2</sup> (.84 m<sup>2</sup>) or 54" (1.34 m) 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.

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

