Fire-Rated, Impact Safety-Rated Wired Glass
With Surface-Applied Film
Fire-Rating: 20-90 Minutes

WireLite® NT is a 17/64” (6.8 mm) thick glazing material composed of wired glass and a fire-rated surface-applied film. WireLite NT is listed for use in doors, sidelites, transoms and borrowed lites.

**FEATURES**

- Fire-rated for up to 90 minutes with required hose stream test
- Impact safety-rated—meets ANSI Z97.1 and CPSC 16 CFR1201 (Cat. I and II)
- Fits in Fireframes® Designer Series from TGP, or standard fire-rated frames
- Withstands thermal shock
- May be lightly sandblasted or etched on the unfilmed side without affecting fire rating

**Note:** This product is not a barrier to radiant heat, as it does not meet test standards ASTM E119 or UL 263. If your jurisdiction requires a “barrier to heat” product, please contact TGP regarding Pilkington Pyrostop®.

**LISTINGS/STANDARDS**

Classified and labeled by Underwriters Laboratories, Inc.® and Underwriters Laboratories of Canada. File number for labeled fire-rated assemblies is R13377. Tests performed in accordance with:

- UL 9 NFPA 80
- CAN4 S-104 LARR 25798
- UL 10B NFPA 252
- CAN4 S-106
- UL 10C NFPA 257

**MAXIMUM EXPOSED AREA**

<table>
<thead>
<tr>
<th>RATING</th>
<th>ASSEMBLY</th>
<th>MAX. EXPOSED AREA</th>
<th>MAX. WIDTH OF EXPOSED GLAZING</th>
<th>MAX. HEIGHT OF EXPOSED GLAZING</th>
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<tbody>
<tr>
<td></td>
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<td>OR</td>
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<td>20 min.</td>
<td>DOORS (non-temp rise)</td>
<td>3,289 in² / 22.84 ft² (2.12 m²)</td>
<td>34-3/4” (883 mm)</td>
<td>92” (2,337 mm)</td>
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<tr>
<td></td>
<td>OTHER THAN DOORS</td>
<td>1,296 in² / 9 ft² (.84 m²)</td>
<td>54” (1,372 mm)</td>
<td>54” (1,372 mm)</td>
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<tr>
<td>45 min.</td>
<td>DOORS (non-temp rise)</td>
<td>1,296 in² / 9 ft² (.84 m²)</td>
<td>54” (1,372 mm)</td>
<td>54” (1,372 mm)</td>
</tr>
<tr>
<td></td>
<td>OTHER THAN DOORS</td>
<td>100 in² / .69 ft² (.06 m²)</td>
<td>10” (254 mm)</td>
<td>33” (838 mm)</td>
</tr>
<tr>
<td>60 min - 90 min.</td>
<td>DOORS</td>
<td>100 in² / .69 ft² (.06 m²)</td>
<td>10” (254 mm)</td>
<td>33” (838 mm)</td>
</tr>
</tbody>
</table>

**Note:** Individual lite sizes cannot exceed "Max. Exposed Area" shown above.
**RATING** | **ASSEMBLY** | **MAX. EXPOSED AREA** | **MAX. WIDTH OF EXPOSED GLAZING** | **OR** | **MAX. HEIGHT OF EXPOSED GLAZING**
--- | --- | --- | --- | --- | ---
**SIZES WHEN GLAZED WITH PEMKO FG3000™**
45 min. | DOORS (non-temp rise) OTHER THAN DOORS | 2,856 in² / 19.83 ft² (1.84 m²) 4,608 in² / 32 ft² (2.97 m²) | 34” (839 mm) 100” (2,540 mm) | 84” (2,134 mm) 100” (2,540 mm)
60 min. | WOOD DOOR (non-temp rise) | 960 in² / 6.66 ft² (.62 m²) | 12” (305 mm) | 80” (2,032 mm)
90 min. | DOORS (non-temp rise) | 552 in² / 3.83 ft² (.36 m²) | 12” (305 mm) | 46” (1,168 mm)

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

**MAXIMUM SHEET SIZE**
- **SURFACE FINISH**
  - Diamond
  - Georgian
- **SIZE**
  - 58” x 100” (1.47 m x 2.54 m)
  - 58” x 100” (1.47 m x 2.54 m)

**GENERAL CHARACTERISTICS**
- **THICKNESS:** Nominal 17/64” (6.8 mm) overall
- **WEIGHT:** 3.79 lb / ft² (18.50 kg / m²)
- **APPROX. VISIBLE TRANSMISSION:** 77%
- **FIRE RATING:** 20 to 90 minutes
- **IMPACT SAFETY RATING:** Meets ANSI Z97.1 and CPSC 16CFR1201 (Cat. I and II)

**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 in² (.84 m²) or 54” (1.37 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. More information is available online at fireglass.com, or by calling 800.426.0279.