



## FIRE-RATED WIRED GLASS

WireLite® is a nominal 1/4" (6 mm) thick fire-rated glazing material composed of wired glass. It is listed for use in openings that do not require an impact safety rating.

### FEATURES

- Fire-rated for 45 minutes **with required hose stream test**
- 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**

**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, ASTM E2074, ASTM E2010, UBC 7-2 and UBC 7-4.

RATING	ASSEMBLY	MAX. EXPOSED AREA (in <sup>2</sup> / ft <sup>2</sup> )	MAX. WIDTH OF EXPOSED GLAZING (in)	OR	MAX. HEIGHT OF EXPOSED GLAZING (in)
<b>STANDARD SIZES</b>					
45 min.	OTHER THAN DOORS	1,296 / 9	54		54
<b>SIZES WHEN GLAZED WITH PEMKO FG3000™</b>					
45 min.	OTHER THAN DOORS	4,608 / 32	100		100

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

## GENERAL CHARACTERISTICS

<b>THICKNESS:</b>	Nominal 1/4" (6 mm) overall
<b>WEIGHT:</b>	3 lb / ft <sup>2</sup>
<b>APPROX. VISIBLE TRANSMISSION:</b>	77%
<b>FIRE RATING:</b>	45 minutes

## SPECIFICATIONS

All glass designated on the drawings as fire-rated shall be nominal 1/4" (6 mm) thick WireLite 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 shall be permanently labeled with the WireLite logo, UL logo and fire rating.

## INSTALLATION

WireLite 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<sup>2</sup> or 54" in one dimension (noted in the size schedule for standard sizes), WireLite shall be glazed with Pemko FG3000™ as supplied by the installer.

## STORAGE & HANDLING

Inspect each piece of WireLite immediately before installation and eliminate any with observable edge damage or face imperfections. WireLite 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>FireLite®</b>	Fire-rated glass ceramic
<b>FireLite® NT</b>	Fire-rated, impact safety-rated glass ceramic with surface-applied film
<b>FireLite Plus®</b>	Fire-rated, impact safety-rated glass ceramic
<b>FireLite® IGU</b>	Fire-rated or fire/impact safety-rated insulated glass units
<b>Pilkington Pyrodur®</b>	Fire-rated, impact safety-rated glass
<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

