



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 (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® Designer Series 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

Classified 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.

RATING	ASSEMBLY	MAX. EXPOSED AREA	MAX. WIDTH OF EXPOSED GLAZING	OR	MAX. HEIGHT OF EXPOSED GLAZING
STANDARD SIZES					
45 min.	OTHER THAN DOORS	1,296 in ² / 9 ft ² (.84 m ²)	54" (1,372 mm)		54" (1,372 mm)
SIZES WHEN GLAZED WITH PEMKO FG3000™					
45 min.	OTHER THAN DOORS	4,608 in ² / 32 ft ² (2.97 m ²)	100" (2,540 mm)		100" (2,540 mm)

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

SURFACE FINISH	Diamond	Georgian
MAX. SHEET 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 1/4" (6 mm) overall
WEIGHT:	3.79 lb / ft ² (18.50 kg / m ²)
APPROX. VISIBLE TRANSMISSION:	77%
FIRE RATING:	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, 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 in² (.84 m²) or 54" (1.37 m) 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.

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 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

