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## UL PRODUCT CATEGORY

### Fire-protection-rated Glazing Materials

[See General Information for Fire-protection-rated Glazing Materials](#)

**RAY-BAR ENGINEERING CORP**

R38927

697 W FOOTHILL BLVD

PO BOX 415

AZUSA, CA 91702-0415 USA

#### Fire-protection-rated glazing materials

**Product designation:** Non-wired FireLite and FireLite NT/ FireLite Plus/ FireLite Plus WS and Fire Lite IGU.

**Thickness:** 4.76 mm (3/16 in.) / 7.94 mm (5/16 in.).

**Glazing compound:** Pure silicone caulk, closed cell PVC or DAP 33.

**Furnace pressure:** Positive

Rating	Location	Max Exposed Area of Glazing (sq in.)	Max Width of Exposed Glazing (in.)	Max Height of Exposed Glazing (in.)	Min Depth of Groove (in.)	Building Code Marking
20 min NH	Transom,	3325	95	95	5/8	D-NH-NT-20
	and/or					
	Sidelites -					
	FireLite					

20 min NH	Doors-	3204	36	89	5/8	D-NH-NT-20
45 min	FireLite	3325	95	95	5/8	OH-45, D-H-NT-45
	Windows,					
	Transom,					
	and/or					
	Sidelites - FireLite					
45 min	Doors -	3204	36	89	5/8	D-H-NT-45
	FireLite					
60 min	Windows,	3325	95	95	5/8	OH-60, D-H-NT-60
	Transom,					
	and/or					
	Sidelites -					
	FireLite					
60 min	Doors-	100	12	33	1/2	D-H-NT-60
	Temp Rise-					
	FireLite					
60 min	Doors-Non	3204	36	89	5/8	D-H-NT-60
	Temp Rise-					
	FireLite					
90 min	Doors-Temp Rise-FireLite	100	12	33	1/2	D-H-NT-90
	Doors-Non Temp Rise-FireLite	2034	36	56-1/2	3/4	
90 min	Windows,	2627	56-1/2	56-1/2	5/8	OH-90, D-H-NT-90
	Transom,					
	Sidelight-					
	FireLite					

3 Hr	Doors-	100	12	33	1/2	D-H-NT-180
	FireLite					

**Fire-protection-rated glazing materials**

**Product designation:** WireLite, WireLite NT and WireLite IGU.

**Thickness:** 1/4 in.

**Glazing compound:** Pure silicone caulk, DAP33, FG3000 tape.

**Furnace pressure:** Positive

Type of Assembly	Max Exposed Area of Glass (sq in.)	Max Width of Exposed Glass (in.)	Max Height of Exposed Glass (in.)	Min Depth of Groove (in.)	Building Code Marking
Doorframe, Window, Sidelite/ Transom with or without second piece of 1/4 in. thick tempered glass rated 1/3, 1/2 or 3/4 h	1296	54	54	5/8	D-H-NT-20, OH-20 D-H-NT-30, OH-30, D-H-NT-45, OH-45
Hollow metal door 20 min NH	3289	35-3/4	92	3/4	D-NH-NT-20
Hollow metal or wood door 1-1/2 hour	100	10	33	1	D-H-NT-90

**Fire-protection-rated glazing materials**

**Product designation:** WireLite, WireLite NT and WireLite IGU.

**Thickness:** 1/4 in.

**Glazing compound:** Pemko FG3000 "Fire Glaze".

**Furnace pressure:** Positive

Type of Assembly	Max Exposed Area of Glass (sq in.)	Max Width of Exposed Glass (in.)	Max Height of Exposed Glass (in.)	Min Depth of Groove (in.)	Building Code Marking
Transom light	3456	96	36	5/8	D-H-NT-45
Sidelight or Window	4608	100	100	5/8	D-H-NT-45, OH-45
Hollow metal door	2856	34	84	5/8	D-H-NT-45
rated up to					
3/4 h					
Wood or Hollow metal door	552	12	46	5/8	D-H-NT-90
rated up to					
1-1/2 h					
Wood door rated 1 h	960	12	80	5/8	D-H-NT-60

Last Updated on 2016-11-22

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