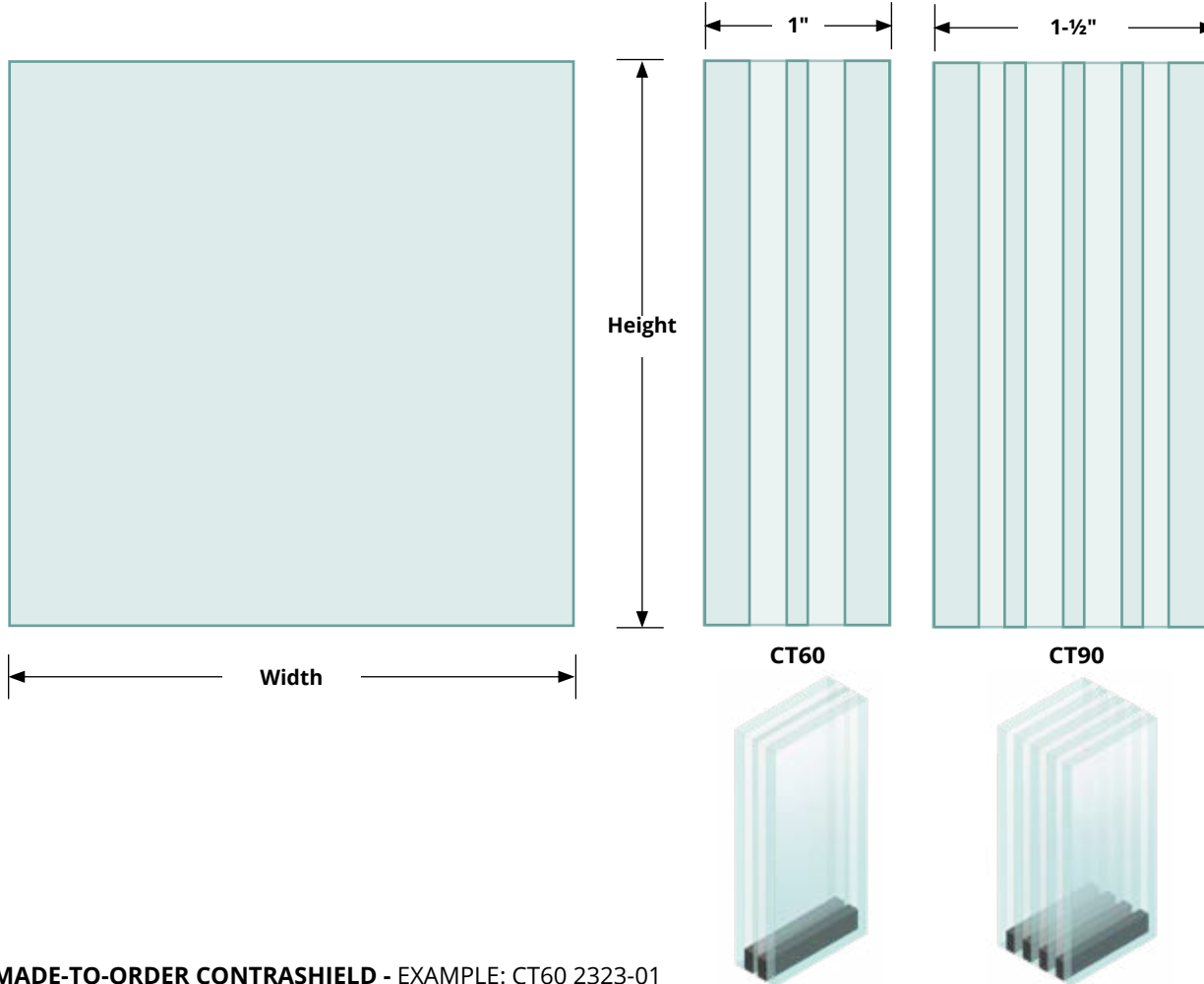


GLAZING - CONTRASHIELD 60/90 - CT60-90 - Fire Resistive Glazing

A Fire-Resistive glazing that is fully insulated with multiple panes of tempered safety glass separated by intumescent interlayers protecting against fire, smoke, radiant & conducted heat in either 60 or 90 minute rating.



MADE-TO-ORDER CONTRASHIELD - EXAMPLE: CT60 2323-01

QTY	MODEL	FIRE RATING		WIDTH	HEIGHT	THICKNESS		(TAPE APPLIED)
	CT	60				01 (60)		None
		90				0112 (90)		T (1/16" Standard Tape)

SPECIFICATIONS:

Material: CT60 - Three panes of tempered safety glass enclosing two intumescent interlayers. CT90 - Five panes of tempered safety glass enclosing three intumescent interlayers.

Tolerance: Up to +/- 1/16"

Weight CT 60: 10.3 psf

CT 90: 15.3 psf

Light Transmission:

CT 60: 83.8%

CT 90: 79.6%

STC CT 60: 42

CT 90: 45

U-Value: winter 0.74; summer 0.67

Size:

Minimum: 4" x 4"

Maximum: 31" x 96"

No more than 1:10 ratio width to length

RATINGS:

Fire Rating: UL9, UL 10B, UL10C, NFPA 80, NFPA 252, NFPA 257, NFPA 251/ASTM E119/UL 263, CAN/ULC-S106, S104, S101

Impact Safety Rating: CPSC 16CFR 1201(Cat I and II), CAN/CGSB-12.1-M, ANSI Z97.1

Compatible Frames:

CT60: Slimline VSIG, EZline VLFEZIG ThruBoltLine VLFIG, VLFS10

CT90: ThruBoltLine VLFIG & VLFS10

Warranty: Ten year limited

OPTIONS & ACCESSORIES:

Standard Tape: 1/16" x 3/8" wide x 200 ft adhesive backed, black closed cell polyvinyl chloride foam glazing tape applied to glazing or ordered separately.

TAPE, WHEN ORDERED SEPARATELY

GTAPE 200B	200' Roll Tape
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Fire-rated Intumescent Tape: 3/64" x 7/16" wide x 8 ft, fire-rated adhesive backed, black tape installed to vision lite pocket in addition to the 1/16" standard tape. Required for UL10C positive pressure rated installations.

TAPE, ORDERED SEPARATELY FOR UL10C

FGS4590-8	8' Roll Fire-rated intumescent tape
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NOTE: Order size is actual glass size.



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Distributor:		Project:
Contractor:		Approved By:
Date:		Architect:
Scale: N/A	Pages: 1 of 2	Item #:



RATING	MAX IBC ALLOWED AREA* (EXPOSED GLAZING)	UL TESTED MAX EXPOSED DIMENSIONS		GLAZING "BUG" MARKING	IBC LOCATIONS
		WIDTH	HEIGHT		

Doors

60 min	2685 in ² <i>(Max Tested)</i>	30"	89.5"	D-H-T-W-60	1 hour fire resistance fire barriers, enclosures for shafts, exit access stairways, interior exit stairways and ramps, exit passageway walls
		2685 in ²			
90 min	3174 in ² <i>(Max Tested)</i>	35.75"	88.56"	D-H-T-W-90	1-½ hour fire walls and barriers, 2 hour enclosures for shafts, interior exit stairways and interior exit ramps, 3 hour exterior walls
		3174 in ²			

Window, Transom, Sidelite

60 min	4449 in ² <i>(Max Tested)</i>	94.81"	94.81"	D-H-T-W-60/ OH-60	1 hour fire resistance fire barriers, enclosures for shafts, exit access stairways, interior exit stairways and ramps, exit passageway walls
		4449 in ²			
90 min	3174 in ² <i>(Max Tested)</i>	88.56"	88.56"	D-H-T-W-90/ OH-90	1-½ hour fire walls and barriers, 2 hour enclosures for shafts, interior exit stairways and interior exit ramps, 3 hour exterior walls
		3174 in ²			

This table is based on IBC 2018 Section 716. The combined height and width cannot exceed the maximum exposed glazing area measurement. Interpretation of Fire and Building Codes may vary. Consult with the Local Authority Having Jurisdiction (AHJ) to determine appropriate standards.