

SF Clear 7 Mil i - Safety & Security Interior Films

Optically clear glazing protection



Safety

SF Clear 7 Mil i safety and security interior window film features exceptional clarity, low reflectance and high levels of UV protection. SF Clear 7 Mil i provides increased protection from glass shattered by impact, blast, crime or natural disaster with up to 99% UV block to reduce fading and sun damage.

Optical and Solar Properties**	SF Clear 7 Mil i
Item Number	R19801T
Pane	Single
Visible Light Transmitted	88%
Visible Light Reflected (Interior)	11%
Visible Light Reflected (Exterior)	11%
Ultra Violet Block	99%
Total Solar Energy Reflected	9%
Total Solar Energy Transmitted	80%
Total Solar Energy Absorbed	11%
Glare Reduction	2%
Shading Coefficient	0.95
Solar Heat Gain Coeff. (G-Value)	0.83
U-Value Winter (IP)	1.07
U-Value Winter (SI)	6.07
Total Solar Energy Rejected (%)	17%
Mechanical Properties	
Thickness	7 mil
Tensile Strength at Break	26,000 PSI
Break Strength	180 lb/ inch
Elongation at Break	140%
Peel Strength	7 lb/ inch
Safety Testing	
Fire	
BS 476 Fire Propagation	√
ASTM D1929 Ignition	√
Impact	
AS/NZS 2208	√
ANSI Z97.1 48" pendulum fall	√
CPSC 1201 Title 16 48" pendulum fall	√
EN 12600 2B2	√
EN 12600 1B1	√
Bomb Blast	
Bomb Blast GSA Level C (4 psi, 30 psi/msec) P(3B)	√

** Performance results are calculated on 3 mm glass using NFRC methodology and LBNL Window 5.2 software, and are subject to variations in process conditions within industry standards and are only intended for estimating purposes.

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Graphics Solutions

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