

# SF Clear 4 Mil i - Safety & Security Interior Films

Optically clear glazing protection



Safety

SF Clear 4 Mil i safety and security interior window film features exceptional clarity, low reflectance and high levels of UV protection. SF Clear 4 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 4 Mil i
Item Number	R12306T
Pane	Single
Visible Light Transmitted	89%
Visible Light Reflected (Interior)	10%
Visible Light Reflected (Exterior)	10%
Ultra Violet Block	97%
Total Solar Energy Reflected	9%
Total Solar Energy Transmitted	81%
Total Solar Energy Absorbed	10%
Glare Reduction	1%
Shading Coefficient	0.96
Solar Heat Gain Coeff. (G-Value)	0.84
U-Value Winter (IP)	1.07
U-Value Winter (SI)	6.07
Total Solar Energy Rejected (%)	16%
Mechanical Properties	
Thickness	4 mil
Tensile Strength at Break	28,500 PSI
Break Strength	112 lb/ inch
Elongation at Break	125%
Peel Strength	7 lb/ inch
Safety Testing	
Fire	
ASTM D1929 Ignition	√
ASTM E84 Surface Burn	√
Impact	
AS/NZS 2208	√
ANSI Z97.1 18" pendulum fall	√
ANSI Z97.1 12" pendulum fall	√
CPSC 1201 Cat 1 18" pendulum fall	√
CPSC 1201 Title 16 48" pendulum fall	√
BS 6206 B	√
EN 12600 2B2	√
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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