

# SF Clear 7 Mil X - Safety & Security Exterior Films

## Hazard & Anti-Graffiti Protection



Safety

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

Optical and Solar Properties**	SF Clear 7 Mil X
Item Number	R19600X
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)	1.04
U-Value Winter (SI)	5.91
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	
Impact	
EN 12600 1B1	√

\*\* 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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