

3M Authorized Dealer & Applicator

SAFETY & SECURITY FILM



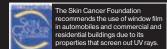
S140 Safety Series

Product Features & Benefits:

- Mitigates hazards from shattered glass due to natural and human causes
- Increases security and provides added protection against smash and grab burglaries
- Helps provide protection to people and property from flying glass in natural disasters
- Increases anti-spall protection for laminated glass
- Can be combined with 3M[™] IPA Systems for additional safety and security
- Helps extend the life of furnishings by significantly reducing harmful UV rays

Applications:

- · Bomb Blast Mitigation
- · Safety Glazing
- Helping to Deter Break & Entry
- Building Envelope Protection
- · Spontaneous Glass Breakage
- · Seismic Preparedness







S140 Safety Series

Product Specifications

Solar Heat Gain Coefficient	.78
Visible Light Transmitted	85%
Visible Light Reflected Interior	10%
Visible Light Reflected Exterior	10%
U Value	1.03

UV Block	99%
Total Solar Energy Rejected	22%
Glare Reduction	4%
Heat Loss Reduction	0%
Heat Gain Reduction	4%

Film Properties

Film Thickness	14 mils
Film Construction	3 ply
TENSILE PROPERT	IES
Tensile Strength	25,000 psi
Break Strength	350 lbs/in
Elongation at Break	>125%
Peel Strength :	>2 lbs/in (9 N/25mm)
Abrasion Resistance	<5% haze increase



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