



# 3M™ SAFETY & SECURITY FILM

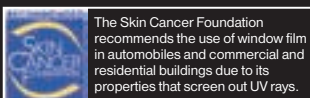
## S80 Safety Series

### 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



## Product Specifications

Solar Heat Gain Coefficient	.79
Visible Light Transmitted	87%
Visible Light Reflected Interior	9%
Visible Light Reflected Exterior	9%
U Value	1.03

UV Block	99%
Total Solar Energy Rejected	21%
Glare Reduction	2%
Heat Loss Reduction	0%
Heat Gain Reduction	3%

## Film Properties

Film Thickness	8 mils
Film Construction	2 ply
<b>TENSILE PROPERTIES</b>	
Tensile Strength	25,000 psi
Break Strength	200 lbs/in
Elongation at Break	>125%
Peel Strength	>2 lbs/in (9 N/25mm)
Abrasion Resistance	<5% haze increase



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