

3M™ SAFETY AND SECURITY WINDOW FILMS

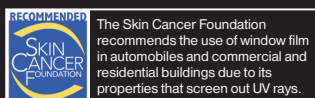
ULTRA PRESTIGE S70

Product Features & Benefits:

- Combination safety / solar control window film
- Micro-layered film designed for tear resistance
- Virtually clear film with heat rejection properties
- Helps protect from broken glass hazards
- Increase comfort and help reduce air conditioning costs
- Helps extend the life of furnishings by significantly reducing harmful UV rays

Applications:

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



Product Specifications

Visible Light Transmittance	42%
Glare Reduction	22%
Solar Heat Gain Coefficient	.45
Visible Light Reflectance Interior	7%
Visible Light Reflectance Exterior	6%
U-Value	1.03
UV Rejected	99.9%
Shading Coefficient	.45
Total Solar Energy Rejected	48%

*Single Pane 1/4" (6mm) Clear

Film Properties

Film Thickness	8 mils
Film Construction	Micro-layered
TENSILE PROPERTIES (ASTM D882)	
Tensile Strength	25,600 psi
Break Strength	205 lbs/in
Elongation at Break	110%
Yield Strength	15,000 psi
Elongation at Yield	7%
Modulus	550 kpsi

Ultra Prestige S70

Graves Area Tear Resistance (ASTM D1004)	1.150 lbs%
Puncture-Propagation-Tear Resistance (ASTM D2582)	12 lbf
Puncture Strength (ASTM D4830)	193 lbf
Abrasion Resistance (ASTM D1044)	<5% ΔHaze
Peel Strength (ASTM D3330)	5.3 lb/in
Flammability (ASTM E84)	Class A
SOLAR PROPERTIES - Film applied to 1/4" clear glass	
Visible Light Transmitted	42%
UV Light Rejected	99.9%



3M Authorized Dealer & Applicator

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