

3M™ SAFETY AND SECURITY WINDOW FILMS

ULTRA S800

Product Features & Benefits:

- Micro-layered film designed for tear resistance
- Optically clear
- Applies to interior glass surfaces
- Helps protect from broken glass hazards
- Help 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



The Skin Cancer Foundation recommends the use of window film in automobiles and commercial and residential buildings due to its properties that screen out UV rays.



Product Specifications

Visible Light Transmittance	87%
Glare Reduction	2%
Solar Heat Gain Coefficient	.79
Visible Light Reflectance Interior	9%
Visible Light Reflectance Exterior	9%
U-Value	1.04
UV Rejected	99.9%
Shading Coefficient	0.90
Total Solar Energy Rejected	21%

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

Film Properties

Film Thickness	8 mils
Film Construction	Micro-layered
TENSILE PROPERTIES (ASTM D882)	
Tensile Strength	32,000 psi
Break Strength	255 lbs/in
Elongation at Break	130%
Yield Strength	15,000 psi
Elongation at Yield	9%
Modulus	473 kpsi

Graves Area Tear Resistance (ASTM D1004)	1200lbs%
Puncture-Propagation-Tear Resistance (ASTM D2582)	9.5 lbf
Puncture Strength (ASTM D4830)	185 lbf
Abrasion Resistance (ASTM D1044)	3% Δ haze
Peel Strength (ASTM D3330)	6 lb/in
Flammability (ASTM E84)	Class A
SOLAR PROPERTIES - Film applied to 1/4" clear glass	
Visible Light Transmitted	87%
UV Light Rejected	99.9%



3M Authorized Dealer & Applicator

Willoughby:

2174 Lost Nation Road
Willoughby, Ohio 44094

Independence:

5005 Rockside Road, Suite 600
Cleveland, Ohio 44131

Toll Free: 800-295-8468

www.sunrayfilms.com



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Commercial Solutions Division
3M Center, Building 220-12E-04
St. Paul, MN 55144 USA
3M.com/windowfilm