



Safety & Security Windows Films

Performance Results:

Visible Light Transmitted	87%
UV Light Rejected	99%
Visible Light Reflected	10%



Ultra S800

*Ultimate Protection for
People and Property*

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WINDOW FILM

Ultra S800 Benefits:

3M technology utilizes many microlayers in a 8 mil film to provide enormous strength and tear resistance compared to standard PET films

Improves personal, property and asset protection from hurricanes, blasts and earthquakes

Comprehensive 3M manufacturer's warranty

Reduces fading and helps protect furnishings

Deters smash and grab burglaries

Film Properties** (Nominal)

Tensile Strength	27,000 psi
Break Strength	215 lb/in
Elongation at Break	95%
Yield Strength	15,000 kpsi
Young's Modulus	550 kpsi
Graves Tear Resistance (Mas Force)	40 lbs
Graves Area Tear Resistance (lbs%)	1100
Puncture Propagation Tear Resistance	6lbf
Puncture Strength	185lbf
Visible Light Transmission	87%
Visible Reflection	Not more than 10%
Ultraviolet light Rejected	99.9%
Solar Heat Gain Coefficient	0.79
Impact Resistance for Safety Glazing	Tested on 1/4 inch (6.4mm annealed glass a. Safety Rating (CPSC 16 CFR, Part 1201) Category II (400ft - lbs)
Safety Rating (ANSI Z97.1)	Class A, Unlimited Size

* Solar Performance data generated for a typical film on 6mm glass using applicable industry test methods and standards.

** Not for specification purpose.



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Interior View

Exterior View