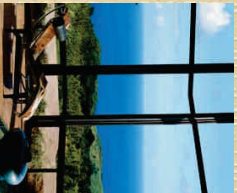




Safety & Security Windows Films

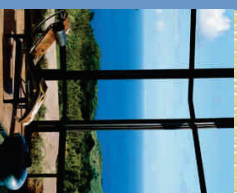
Performance Results:

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



Ultra S800
*Ultimate Protection for
 People and Property*

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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 ksi
Young's Modulus	550 ksi
Graves Tear Resistance (Mass Force)	40 lbs
Graves Area Tear Resistance (lb/sq)	1100
Puncture Propagation Tear Resistance	6lb/
Puncture Strength	189lb
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 as Safety Rating (DPSG Category II 950ft - lbs)
Safety Rating (ANSI Z97.1)	Class A, Unlimited Size

WINDOW FILM

Interior View

* 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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Exterior View