

# Safety & Security Window Films

*prestige  
window films*



## PRESTIGE SERIES ULTRA PR S70

CLEARLY SUPERIOR



### Ultra PR S70 Benefits:

- 3M patented technology utilizes many microlayers in a 7 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
- Substantial heat rejection provides energy savings and enhanced comfort, combined with a virtually clear film
- Increased on-angle heat rejection provides additional performance benefits
- Low reflection enhances views and overall beauty
- No metals; 3M technology provides superior performance with no corrosion or interference with cell phone signals
- Extends the life of furnishings by rejecting UV rays, the single largest component of fading
- Premium 3M manufacturer's warranty

### Performance Results\*:

Visible Light Transmitted	69%
Total Solar Energy Rejected	50%
TSER—On 60° Angle	59%
Infrared Rejected	97%
Visible Light Reflected Int.	9%
Visible Light Reflected Ext.	9%
UV Rejected	99.9%
Glare Reduction	22%
Luminous Efficacy	1.4

Infrared rejection measured from 900nm – 1000nm.



The Skin Cancer Foundation recommends many 3M Window Film products as effective UV protectants.

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Glass Type (All 1/4")	Single Pane Clear	Single Pane Tinted	Double Pane Clear	Double Pane Tinted
Visible Light Transmitted	69%	42%	62%	37%
Total Solar Energy Rejected	50%	57%	44%	59%
Total Solar Energy Rejected — On 60° Angle	59%	63%	50%	62%
Infrared Rejected	97%	97%	97%	97%
Visible Light Reflected Int.	9%	7%	13%	12%
Visible Light Reflected Ext.	9%	6%	15%	8%
UV Rejected	99.9%	99.9%	99.9%	99.9%
Glare Reduction	22%	22%	22%	22%
Shading Coefficient	.58	.48	.64	.47
Emissivity	.77	.77	.77	.77
U Value	.99	.99	.47	.47
Luminous Efficacy	1.4	1.0	1.1	0.9

Meets Safety Glazing Standard CPSC 1201 Category II (400 ft.lb.) and ANSI Z97.1, and passes Intensified Weathering Test

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

## Renewable Energy Division

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