

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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