



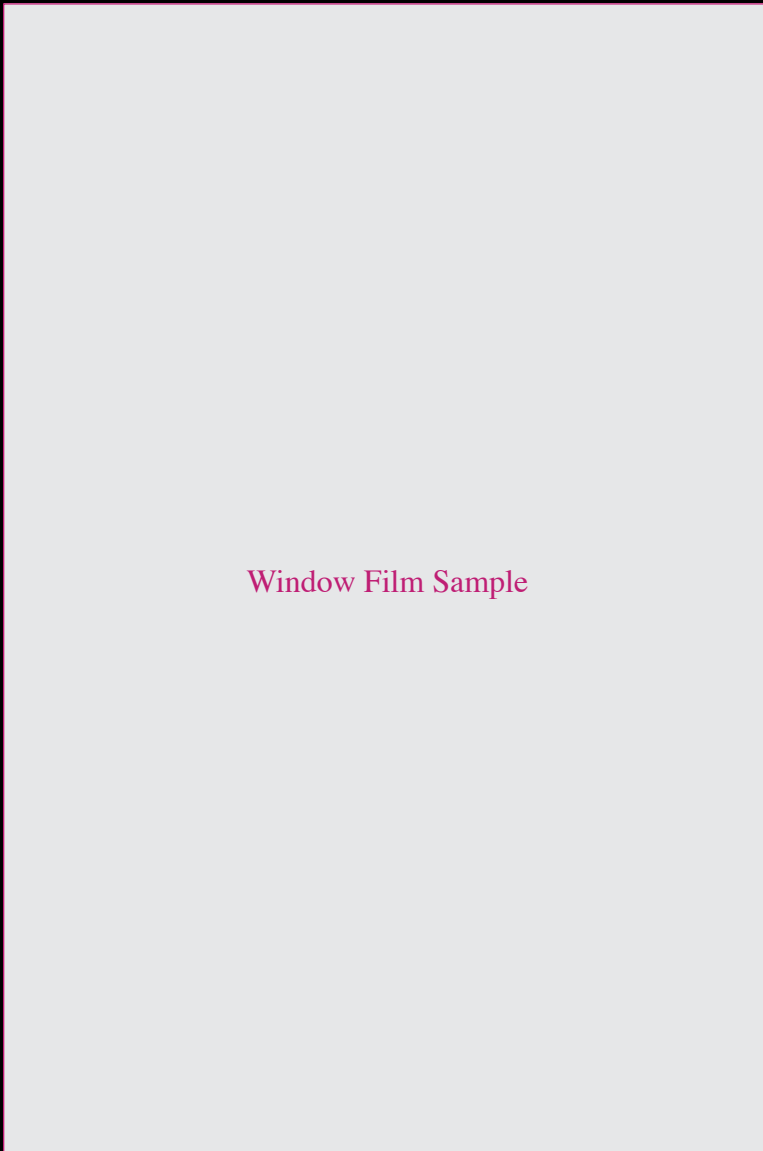
# Safety & Security Window Films

*prestige  
window films*



## PRESTIGE SERIES ULTRA PR S50

CLEARLY SUPERIOR



Window Film Sample

### Ultra PR S50 Benefits:

- 3M patented technology utilizes many microlayers in a 6 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 modestly tinted 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	49%
Total Solar Energy Rejected	56%
TSER – On 60° Angle	63%
Infrared Rejected	97%
Visible Light Reflected Int.	8%
Visible Light Reflected Ext.	10%
UV Rejected	99.9%
Glare Reduction	45%
Luminous Efficacy	.96

Infrared rejection measured from 900nm – 1000nm.



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

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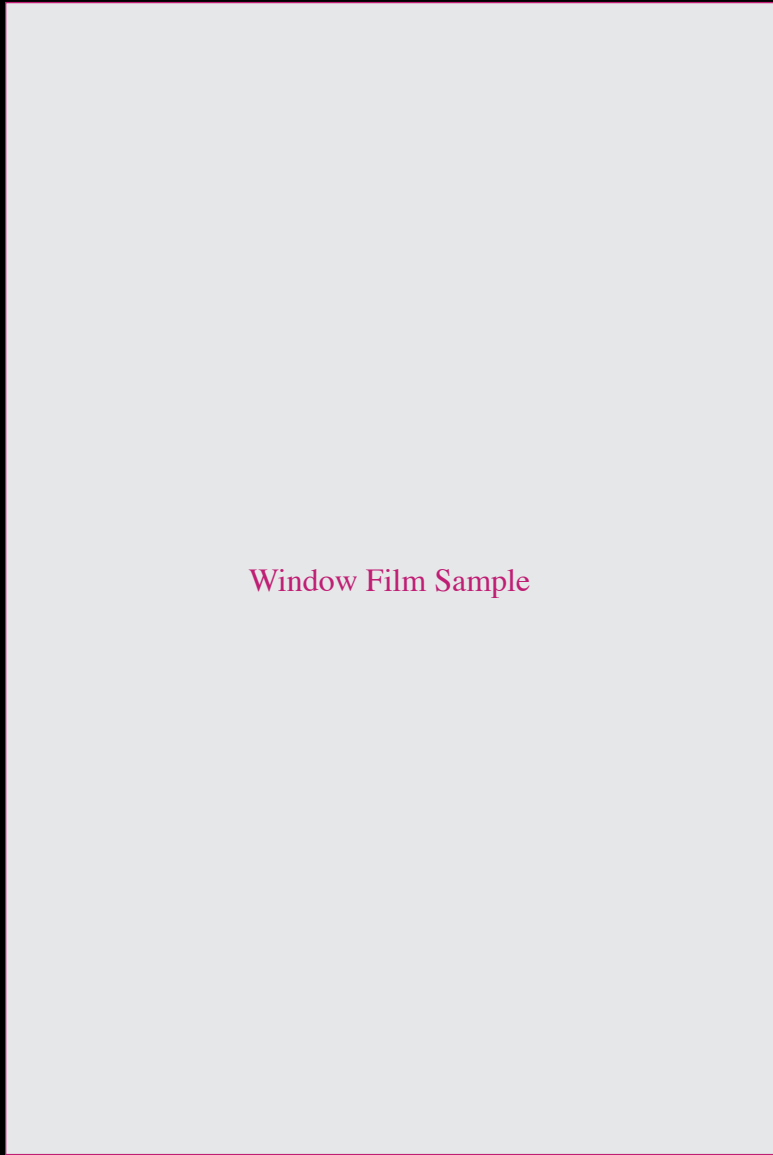


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Glass Type (All 1/4")	Single Pane Clear	Single Pane Tinted	Double Pane Clear	Double Pane Tinted
Visible Light Transmitted	49%	29%	44%	26%
Total Solar Energy Rejected	56%	60%	47%	60%
Total Solar Energy Rejected — On 60° Angle	63%	66%	53%	64%
Infrared Rejected	97%	97%	97%	97%
Visible Light Reflected Int.	8%	7%	10%	9%
Visible Light Reflected Ext.	10%	6%	16%	9%
UV Rejected	99.9%	99.9%	99.9%	99.9%
Glare Reduction	45%	46%	44%	45%
Shading Coefficient	.51	.46	.61	.46
Emissivity	.77	.77	.77	.77
U Value	.99	.99	.46	.46
Luminous Efficacy	.96	.63	.72	.57

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



Window Film Sample



## Building Safety Solutions Department

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