

**3M**

# Sun Control Window Films

*prestige  
window films*



PRESTIGE SERIES

PR 50

CLEARLY SUPERIOR



## PR 50 Benefits:

- 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
- Reduces glare and eye discomfort
- Increases personal safety by minimizing flying glass

## Performance Results:

Visible Light Transmitted	50%
Total Solar Energy Rejected	56%
— On Angle	63%
Infrared Rejected	97%
Visible Light Reflected Int.	7%
Visible Light Reflected Ext.	8%
UV Rejected	99.9%
Glare Reduction	43%
Luminous Efficacy	0.98

Performance data generated for a typical film on 6mm glass using applicable industry test methods and standards. Infrared rejection measured from 900nm–1000nm.



The Skin Cancer Foundation recommends this 3M Window Film product as an effective UV protectant.

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Glass Type (All 1/4")	Single Pane Clear	Single Pane Tinted	Double Pane Clear	Double Pane Tinted
Visible Light Transmitted	50%	30%	44%	27%
Total Solar Energy Rejected — On Angle	56%	60%	47%	60%
Infrared Rejected	97%	97%	97%	97%
Visible Light Reflected Int.	7%	7%	10%	9%
Visible Light Reflected Ext.	8%	6%	16%	9%
UV Rejected	99.9%	99.9%	99.9%	99.9%
Glare Reduction	43%	44%	44%	43%
Shading Coefficient	0.51	0.46	0.61	0.46
Emissivity	0.78	0.78	0.78	0.78
U Value	0.99	0.99	0.47	0.47
Luminous Efficacy	0.98	0.65	0.72	0.59



Building and Commercial Services Division

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