

Ultra S150

Enhancing safety
as only 3M can



3M Safety & Security Window Films

Performance Results*:

Visible Light Transmitted	87%
Total Solar Energy Rejected	19%
UV Light Rejected	98%
Glare Reduction	2%
Visible Light Reflected	11%



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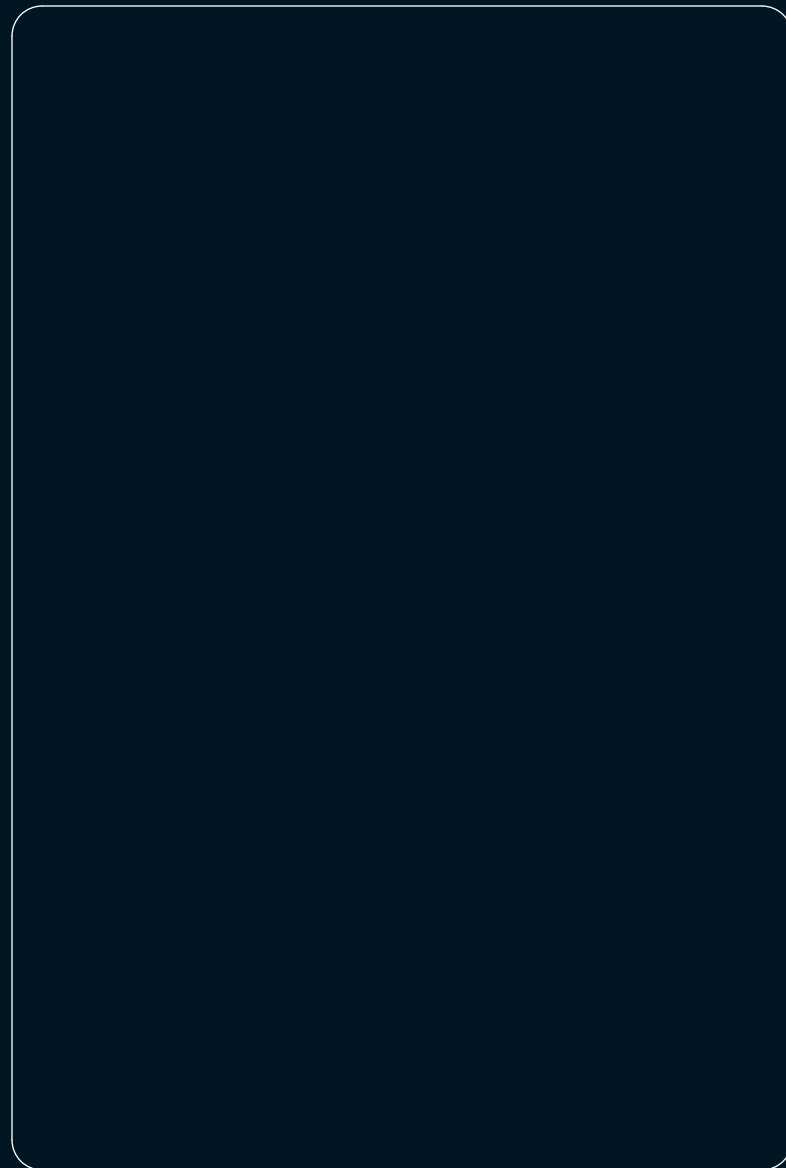
Glass Type (All 1/4")	Single Pane Clear	Single Pane Tinted	Double Pane Clear	Double Pane Tinted
Visible Light Transmitted	87%	47%	77%	45%
Total Solar Energy Rejected	19%	41%	32%	54%
UV Light Rejected	98%	99%	99%	99%
Glare Reduction	2%	11%	3%	5%
Visible Light Reflected	11%	7%	17%	8%
Solar Heat Gain Coefficient	0.82	0.59	0.68	0.46
U Value	1.03	1.03	0.47	0.47



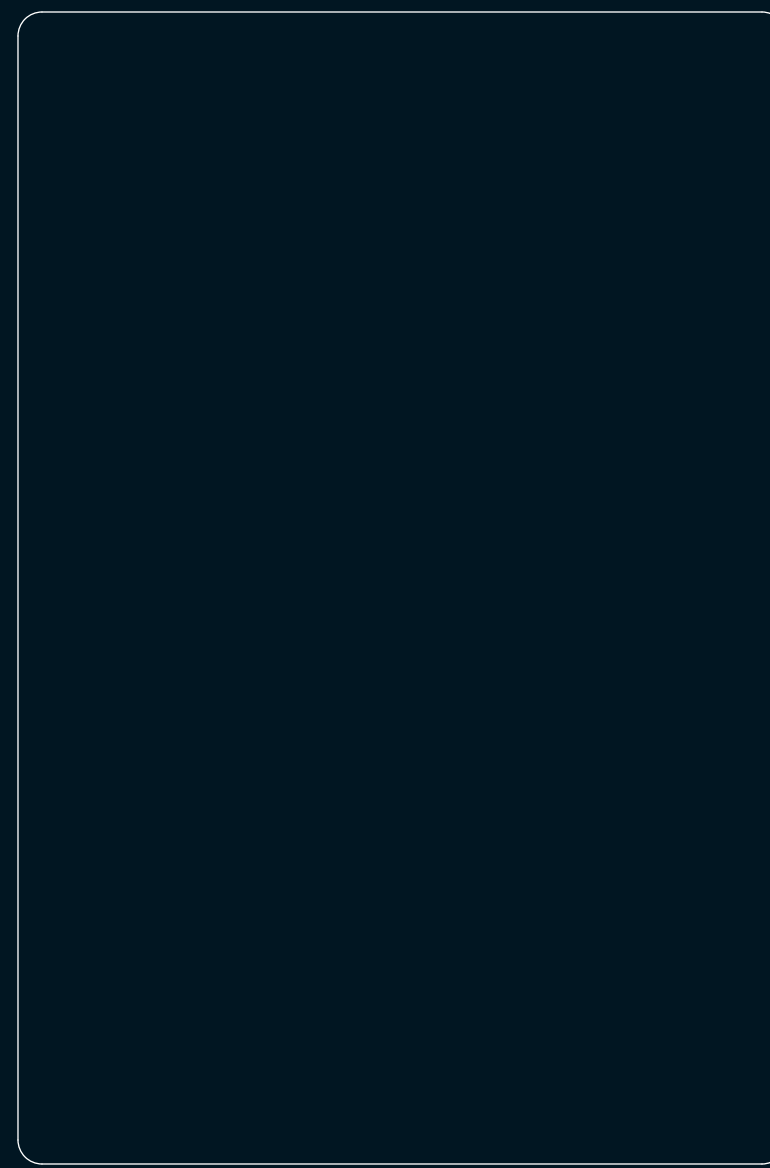
SCLARL150

Ultra S150 Benefits:

- Film thickness: 2-mils (0.05 mm)
- Optically clear film
- Microlayered safety film with excellent flexibility and tear resistant properties compared to conventional polyester window films
- Exhibits strong adhesion to glass and shock absorbing properties
- Protective hardcoat provides scratch resistance and durability
- Protects from the harmful effects of UV light and reduces furniture fading
- For application to interior surface of glass
- Can be cleaned with typical window cleaning solutions
- Basic glass fragment retention film helps protect from glass hazards caused by seismic activity, spontaneous glass breakage, and low force impact events
- Provides an added measure of security an can help deter Smash and Grab burglaries
- Meets ANSI Z97.1 (Class B) and 16 CFR CPSC 1201 (Category I) impact requirements for Safety Glazing
- Can be combined with 3M Impact Protection Attachment systems for additional safety and security



Exterior View



Interior View

No UV Protection or Abrasion Coating has been applied to this sample card.

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



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