



Safety & Security Window Films

Performance Results:

Visible Light Transmitted	19%
Total Solar Energy Rejected	77%
UV Light Rejected	99%
Glare Reduction	78%
Visible Light Reflected	58%
Solar Heat Reduction	72%

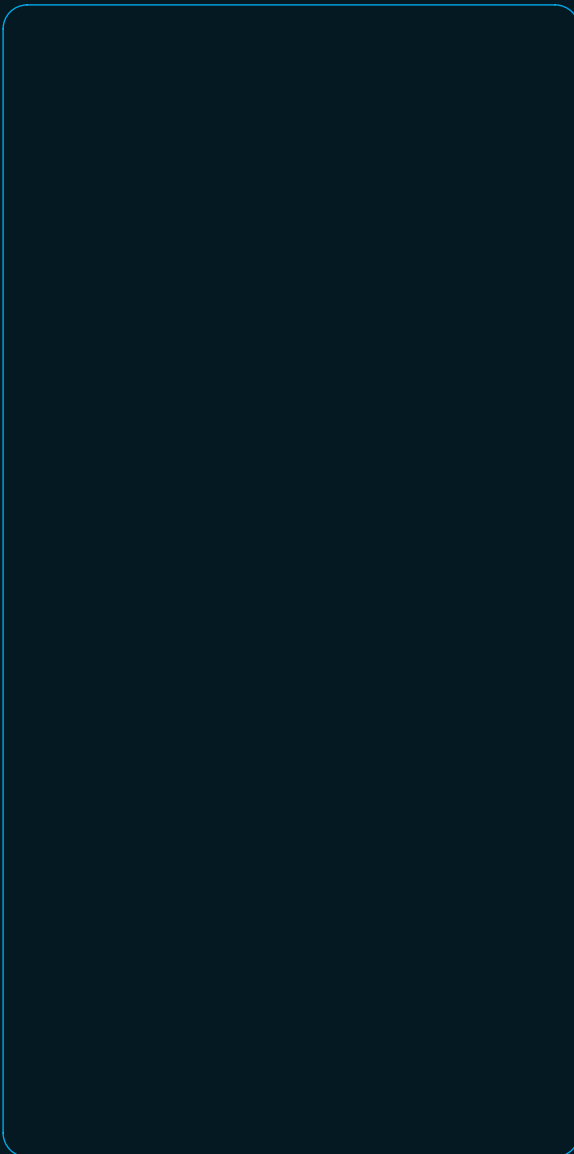


Ultra Silver S20

*Enhancing safety
as only 3M can*



S20SIAR400



Ultra Silver S20 Benefits:

- 3M patented technology utilizes many microlayers in a 5 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
- Comprehensive 3M manufacturer's warranty
- Reduces fading and helps to protect furnishings
- Deters smash and grab burglaries
- Increases personal safety from flying glass
- High heat rejection provides energy savings and improved comfort
- Reduces glare and eye discomfort
- Meets Safety Glazing Standard CPSC 16 CFR Category II (400 ft./lb.) and ANSI Z97.1, and passes Intensified Weathering Test



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

Ultra Silver S20

*Enhancing safety
as only 3M can*



Glass Type (All 1/4")	Single Pane Clear	Single Pane Tinted	Double Pane Clear	Double Pane Tinted
Visible Light Transmitted	19%	10%	17%	9%
Total Solar Energy Rejected	77%	74%	70%	76%
UV Light Rejected	99%	99%	99%	99%
Glare Reduction	78%	80%	78%	80%
Visible Light Reflected	58%	20%	55%	20%
Shading Coefficient	0.26	0.30	0.34	0.28
Emissivity	0.65	0.65	0.65	0.65
U Value	0.95	0.95	0.47	0.47
Solar Heat Reduction	72%	57%	58%	49%

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



Building Safety Solutions Department

3M Center, Building 223-2S-24
St. Paul, MN 55144-1000

Printed in U.S.A. © 3M 2006 70-0709-0182-5 (46.5)ii

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