

# Ultra Silver S20

Enhancing safety  
as only 3M can



# 3M Safety & Security Window Films

## Performance Results on 1/4" Clear Glass:

Visible Light Transmitted	17%
Total Solar Energy Rejected	77%
UV Light Rejected	99%
Glare Reduction	81%
Visible Light Reflected Exterior	56%
Solar Heat Reduction	72%



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S20SIAR400

Glass Type (All 1/4")	Single Pane Clear	Single Pane Tinted	Double Pane Clear	Double Pane Tinted
Visible Light Transmitted	17%	9%	15%	9%
Total Solar Energy Rejected	77%	72%	67%	73%
UV Light Rejected	99%	99%	99%	99%
Glare Reduction	81%	83%	80%	81%
Visible Light Reflected Exterior	56%	23%	55%	23%
Solar Heat Gain Coefficient	0.23	0.28	0.33	0.27
Luminous Efficacy	0.7	0.3	0.5	0.3
U Value	0.93	0.98	0.45	0.45
Solar Heat Reduction	72%	56%	53%	47%

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



### Renewable Energy Division

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

## 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.