



Safety & Security Window Films

Performance Results:

Visible Light Transmitted	14%
Total Solar Energy Rejected	79%
UV Light Rejected	99%
Glare Reduction	85%
Visible Light Reflected Interior	24%
Visible Light Reflected Exterior	54%



Affinity S15

A True Value for Solar and Security Protection



Affinity S15 Benefits:

- High heat rejection provides energy savings and improved comfort
- Reduces fading and helps to protect furnishings
- Lower interior and exterior reflectivity
- Reduces glare and eye discomfort
- 8 mil thick for extra security
- Increases personal safety from flying glass

Glass Type (All 1/4")	Single Pane Clear	Single Pane Tinted	Double Pane Clear	Double Pane Tinted
Visible Light Transmitted	14%	5%	8%	5%
Total Solar Energy Rejected	79%	73%	68%	73%
UV Light Rejected	99%	99%	99%	99%
Glare Reduction	90%	91%	90%	89%
Visible Light Reflected Int.	25%	25%	26%	25%
Visible Light Reflected Ext.	58%	24%	57%	23%
Shading Coefficient	0.24	0.31	0.37	0.31
Emissivity	0.79	0.79	0.79	0.79
U Value	1.00	1.00	0.47	0.47
Solar Heat Reduction	74%	58%	54%	47%

3M Renewable Energy Division

3M Center, Building 235-2S-27
St. Paul, MN 55144-1000