

3M™ Sun Control Window Film

Affinity Product Family





Benefits

- Commercial grade highly reflective film
- Rejects up to 79% of all solar energy
- Potential paybacks in less than 3 years*
- Helps extend the life of furnishings by significantly reducing harmful UV rays, the largest cause of fading
- Excellent scratch resistant coating
- Comprehensive warranty from 3M

Carolina Solar Control & Security
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 (866) 368-3M3M

Affinity

Product Performance & Technical Data

Glass Type (All 1/4")	Film Type	Visible Light			Total Solar Energy Rejected	Solar Heat Gain Coefficient	U Value	Solar Heat Reduction	UV Light Rejected	Glare Reduction	Visible Light to Solar Heat Gain Ratio
		Reflected (interior)	Reflected (exterior)	Transmitted							
 Clear	Affinity 15	25%	58%	9%	79%	0.21	1.00	74%	99%	90%	0.4
	Affinity 30	19%	29%	33%	61%	0.39	0.94	52%	99%	63%	0.8
 Tinted	Affinity 15	25%	24%	5%	73%	0.27	1.00	57%	99%	91%	0.2
	Affinity 30	19%	14%	20%	63%	0.37	0.94	41%	99%	62%	0.5
 Double Clear	Affinity 15	26%	57%	8%	68%	0.32	0.47	54%	99%	90%	0.3
	Affinity 30	20%	32%	30%	54%	0.46	0.45	34%	99%	62%	0.7
 Double Tinted	Affinity 15	25%	23%	5%	73%	0.27	0.47	47%	99%	89%	0.2
	Affinity 30	20%	15%	18%	64%	0.36	0.45	29%	99%	62%	0.5

*Based on Energy Analysis for Window Films Applications in New and Existing Homes and Offices completed by CONSOL Energy

Warranty and Limited Remedy:

3M warrants that each 3M product meets the applicable 3M product specification at the time 3M ships the product. **3M MAKES NO OTHER EXPRESS OR IMPLIED WARRANTIES OR CONDITIONS, INCLUDING ANY IMPLIED WARRANTY OR CONDITION OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.** If the 3M product does not conform to this warranty, the sole and exclusive remedy is, at 3M's option, replacement of the 3M product or refund of the purchase price.

Limitation of Liability:

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3M Renewable Energy Division Window Films

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