

3M™ Sun Control Window Film

Affinity Product Family





Affinity

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



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

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3M Renewable Energy Division Window Films

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