

3M™ SUN CONTROL WINDOW FILMS

CA45

CA45 Benefits:

- High visible light transmission providing excellent aesthetics
- Low interior and exterior reflectivity enhances views while maintaining exterior appearance
- Stay cooler by reducing excessive heat in warmer months
- Non-metalized film with natural tone for amazing clarity
- Helps extend the life of furnishings by significantly reducing harmful UV rays, the largest cause of fading
- Comprehensive warranty from 3M



The Skin Cancer Foundation recommends the use of window film in automobiles and commercial and residential buildings due to its properties that screen out UV rays.



Glass Type	Visible Light			Total Solar Energy Rejected	Solar Heat Gain Coefficient (G Value)	U Value		Solar Heat Reduction	UV Light Rejected	Glare Reduction	Visible Light to Solar Heat Gain Ratio
	Reflected (Interior)	Reflected (Exterior)	Transmitted			btu/hft ² F	w/m ² K				
Single Pane Clear	6%	6%	45%	52%	.48	1.06	5.9	41%	99.8%	49%	0.9
Single Pane Tinted	5%	5%	27%	58%	.42	1.06	5.9	34%	99.9%	49%	0.6
Double Pane Clear	8%	13%	40%	49%	.58	.48	2.7	18%	99.8%	49%	0.7
Double Pane Tinted	7%	8%	24%	57%	.43	.48	2.7	16%	99.9%	49%	0.6



3M Authorized Dealer & Applicator

Willoughby:

2174 Lost Nation Road
Willoughby, Ohio 44094

Independence:

5005 Rockside Road, Suite 600
Cleveland, Ohio 44131

Toll Free: 800-295-8468

www.sunrayfilms.com



Warranty and Limited Remedy: 3M warrants that each 3M product meets the applicable 3M product specifications at the time 3M ships the product. **3M MAKES NO OTHER EXPRESS OR IMPLIED WARRANTIES OR CONDITIONS, INCLUDING ANY IMPLIED WARRANTY OR CONDITIONS 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:** Except where prohibited by law, 3M will not be liable for any loss or damage arising from the 3M product, whether direct, indirect, special, incidental or consequential, regardless of the legal theory asserted.



Commercial Solutions Division
3M Center, Building 220-12E-04
St. Paul, MN 55144 USA
3M.com/windowfilm