

3M Science.
Applied to Life.™



3M™ Obsidian Automotive Sun Control Window Film

Hot looks outside, cool and private inside.

- Attractive look at an affordable price
- Reject up to 44% of solar energy
- Available in a variety of tint levels from 5% to 50%
- Protect vehicle occupants from uncomfortable heat and glare
- Sun protection factor of 1000

3M™ Obsidian Automotive Sun Control Window Film

The 3M Obsidian Sun Control Series

Obsidian Automotive Sun Control Window Films incorporate 3M's Patented Infuse Technology that provides better durability, color retention and fade resistance than many other dyed films due to the bonding of the dye particles into the film. The films also offer strong heat rejection, low reflectivity and protection from ultraviolet (UV) rays, thereby enabling you to stay cool. They are available in a variety of tint levels to meet your needs, allowing 5% to 50% of the visible light into your vehicle.

Your benefits at a glance

- Reduces heat by rejection of up to 44% solar energy
- Non-metallised: no signal interference with mobile phone, GPS and radio
- Superior UV protection, blocking 99% of UV light
- Reduces glare
- Less air conditioning, less fuel consumption

Easy application by 3M partners

The Obsidian Sun Control Series is intended for use on the inside surface of vehicle windows. The films should be professionally applied by skilled, well-trained, 3M authorised installers. Windows can be considered operational after 24 hours.



Typical properties

Film Type	Visible Light Transmission	Total Solar Energy Rejected	UV Block	Visible Light Reflected (exterior)	Glare Reduction
Clear glass (6 mm)	89%	19%	38%	8%	NA
Obsidian 5	8%	44%	99%	5%	91%
Obsidian 15	19%	40%	99%	5%	79%
Obsidian 25	27%	38%	99%	6%	69%
Obsidian 50	52%	31%	99%	7%	30%

The values above are the results of illustrative lab test measurements and shall not be considered as a commitment from 3M.



3M United Kingdom plc

3M Centre
Cain Road, Bracknell
Berkshire RG12 8HT
3M.co.uk/windowfilm
Email: RenewableUK@mmm.com

3M Ireland Limited

The Iveagh Building
The Park,
Carrickmines
Dublin 18
Phone: 01 280 3555

Customer Service

3M House
28 Great Jackson Street
Manchester M15 4PA
Phone: 0845 600 954



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.

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