

**3M** | Automotive Window Film

## The 3M difference.

Blocks up to

**99%**

of UV light.

There are thousands of window film dealers in the country, but only a select few have been chosen to be part of the 3M network. 3M™ Authorized Dealer Installers are available to help you select the right window film for your vehicle.

Protect what matters at  
**3M.com/WindowTint**

## Invented and innovated.

Improving comfort, protecting vehicle interiors and blocking UV rays are hallmarks of 3M™ Automotive Window Films.

## Tint for your style.

## Ride in style and comfort.

3M™ Automotive Window Film Obsidian Series delivers lasting comfort and performance at an affordable price due to 3M's Patented\* Infuse Technology.



**3M**

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**Obsidian Series**

# 3M™ Automotive Window Film Obsidian Series



## Stay true

The 3M™ Obsidian Series incorporates patented Infuse technology for better durability, color retention and fade resistance than many dyed films.



## Reduce glare

The Obsidian Series reduces up to 93% of the glare from blinding sunlight, allowing you to see better and concentrate more on driving.



## Guard against UV

The Obsidian Series rejects up to 99% of UV light. This provides vehicle occupants with significant protection from harmful UV rays.



## Stay cool

The Obsidian Series provides better durability, strong heat rejection, low reflectivity and protection from ultraviolet (UV) rays, thereby enabling you to stay cool. Obsidian Series rejects up to 60% of the total solar energy coming through your windows.



## Protect your privacy

Available in multiple tint levels that can block up to 95% of visible light, protecting privacy for you, your family and your valuables.



Limited lifetime warranty: Backed by one of the most comprehensive warranties you can get. Sold and installed by professional 3M Authorized Dealers Installers, our films are durable, long-lasting and virtually maintenance free.

## Terms to Know

- TSER – Total Solar Energy Rejection**  
 The percentage of total solar energy rejected by filmed glass. The higher this value, the less solar heat is transmitted.
- VLT – Visible Light Transmitted**  
 The percentage of visible light that passes directly through filmed glass: the higher the number, the lighter the film.
- Ultraviolet Rejection**  
 The percentage of ultraviolet (UV) light that is rejected by the filmed glass. UV light contributes to the fading and deterioration of fabrics and leather.
- IRR – Infrared Rejection**  
 The percentage of solar infrared energy rejection over the wavelength range from 900-1,000 nm. Infrared rays are primarily responsible for the heat you feel when driving.
- IRER – Infrared Energy Rejection**  
 The percent of solar infrared energy rejection over the wavelength range from 780–2,500 nm. IRER takes into account the transmitted and absorbed IR energy that will be reradiated into a car.
- Glare Reduction**  
 The percentage by which visible light is reduced by the addition of film.

# Choose your level of protection.

The Obsidian Series is available in a variety of tint levels to meet your needs.

		OB 5	OB 15	OB 25	OB 30	OB 35	OB 40	OB 50	OB 70
IRR* TSER	Total Solar Energy Rejected	60%	57%	55%	53%	52%	50%	48%	45%
	Infrared Rejection	8%	9%	9%	9%	9%	7%	9%	7%
	VLT	5%	16%	22%	32%	37%	44%	51%	64%
	UV Rejection	99.8%	99.9%	99.8%	99.6%	99.6%	98.5%	98.5%	99.7%
	Glare Reduction	93%	79%	70%	56%	49%	39%	30%	15%
	IRER**	53%	53%	53%	53%	53%	53%	53%	53%

Data shown is the estimated performance of film applied to ¼” (6mm) thick, 73% VLT automotive green glass. Data is for reference only.

\*IRR - Percent of solar infrared energy in the 900 – 1,000 nm wavelength range that is rejected by the film. Measurement is made of film with liner alone (i.e. no glass).

\*\*IRER – Percent of solar infrared energy that is rejected over the wavelength range from 780 – 2,500 nm. IRER takes into account the transmitted and absorbed IR energy that will be reradiated into a car. Data shown is for the performance of film applied to glass.

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NOTE: The law on auto tint varies by state or province. Please check your state or province laws or ask your dealer for films approved for use on vehicles.