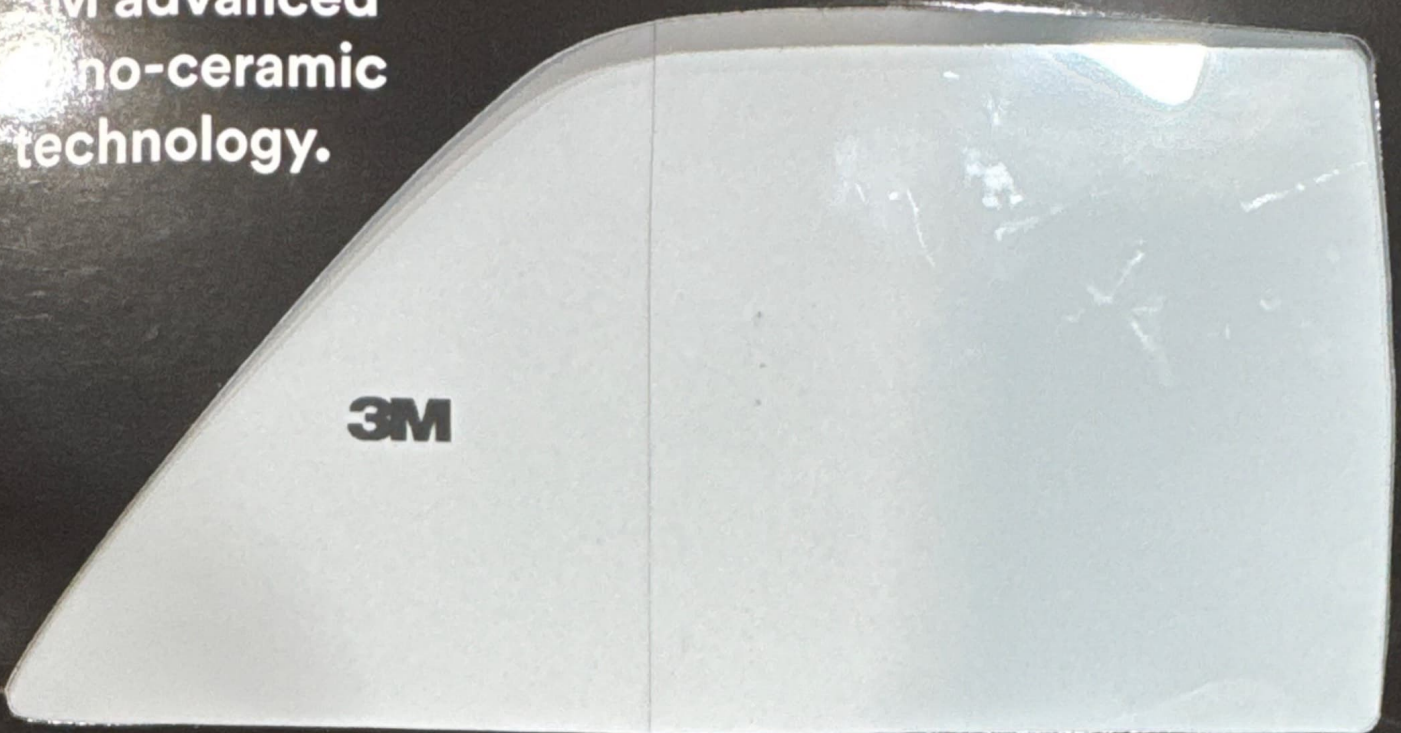


# 3M | Automotive Window Film

3M advanced  
nano-ceramic  
technology.



Up to

**82%**

Infrared rejection\*  
with nano-ceramic  
technology.

The Ceramic IM technology is  
compatible with 5G devices to  
stay connected.

Up to

**99.9%**

UV protection

Cover your  
glass in cool.

Protect what matters at  
[3M.com/WindowTint](https://www.3m.com/WindowTint)

Invented and  
innovated.

Ride in style  
and comfort.

3M™ Automotive Window Film Ceramic  
IM Series offers great infrared rejection  
for optimal comfort and is available in  
an attractive neutral color.

**3M**

3M Commercial Branding and  
Transportation Division  
3M India Limited  
48-51, Phase 1, Electronics City,  
Hosur Road, Bangalore - 560100, India  
T: +91 80 45594000  
T: +91 80 22231450

Toll Free Number: 1800-425-3030  
Mon to Fri, 9am to 6pm



**Ceramic IM 50**

IM 50

3M Ceramic IM 50

Price: Price on request

Package pricing: Contact us for current IM 50 pricing and availability.

## 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.

The products listed herein conform to the Indian Standard IS 2553 (Part 2) (First Revision): 2019. These products may be applied to vehicles in a manner that ensures compliance with the Indian Standards and Rule 100 of the Central Motor Vehicles Rules, 1989, which mandate a minimum of 70% Visual Light Transmission (VLT) for the windscreen and rear window, and 50% Visual Light Transmission (VLT) for the side windows.



### Superior cool

The Ceramic IM Series provides great infrared heat rejection due to the absorptive nano-ceramic technology. Rejection up to 80% of total solar energy and up to 81% infrared rejection\* for optimal thermal protection, reducing the feel of sun on your skin.



### Stay connected

The Ceramic IM Series is designed with a metal-free design that works with electronics, GPS, satellite radio, and more, including 5G.



### Reduce glare

The Ceramic IM Series reduces up to 93% of the glare from blinding sunlight with low visible light reflectivity and no mirror-like appearance to disrupt your view out.



### Protect your privacy

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



### Guard against UV

The Ceramic IM Series can enhance the protection from the sun's harmful rays. Rejecting up to 99.9% ultraviolet (UV) light.

	6mm Clear**	Auto 75*	
<b>IRR* TSER</b>	<b>Total Solar Energy Rejected</b>	<b>40%</b>	<b>46%</b>
	<b>Infrared Rejection</b>	<b>81%</b>	<b>81%</b>
	<b>VLT</b>	<b>63%</b>	<b>52%</b>
	<b>UV Rejection</b>	<b>99.8%</b>	<b>99.9%</b>
	<b>Glare Reduction</b>	<b>29%</b>	<b>29%</b>
	<b>IRER**</b>	<b>51%</b>	<b>55%</b>

\* Data should be used as a reference tool for net VLT on 1/4" (6mm) thick, automotive green glass of 73% VLT, and testing is in accordance to ANSI/NFRC 200 Procedure.

\*\* Data is comparable to current auto industry method using a clear 89% VLT glass, and testing is in accordance to ANSI/NFRC 200 Procedure.

IM 50

3M Ceramic IM 50

Price: Price on request

Package pricing: Contact us for current IM 50 pricing and availability.