

3M | Automotive Window Film

**A breakthrough
in automotive
window films.**

**Invented and
innovated.**

Multilayer optical film nano-
technology that rejects more heat
than many darker films without
changing the cars appearance.

200

**layers of nano-
technology film.**

Protect what matters at
3M.com/WindowTint

**Block UV rays,
not envy.**

**Ride in style
and comfort.**

3M™ Automotive Window Film
Crystalline Series rejects more
heat than many dark films without
changing the appearance of your
vehicle, making it the superior
choice for comfort.



3M

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Crystalline Series

3M™ Automotive Window Film Crystalline Series

Stay cool

The Crystalline Series allows you to have a lighter tint and still reject high amounts of heat - the highest of all 3M films. Rejection of up to 64% of the total solar energy and up to 99% of the heat-producing infrared rays* gives you the ultimate in comfort.

See clearly and safely

The Crystalline Series is designed to enhance your view by allowing visible light into your vehicle while keeping heat out, so you can see clearly through your windows — and maintain your vehicle’s original appearance.

Stay connected

The Crystalline Series is a non-metallized window film that won’t interfere with mobile devices, GPS or satellite radio reception.

Reduce glare

Crystalline Series allows you to see better and concentrate more on driving by reducing up to 77% of the glare from blinding sunlight.

Superior UV protection

Blocking up to 99.9% ultraviolet (UV) light, the Ceramic IR Series provides a total Sun Protection Factor (SPF) of up to 1000+ providing vehicle occupants with significant protection from harmful UV rays.

Limited Lifetime Warranty

The Ceramic IR Series is backed by a limited lifetime warranty, one of the most comprehensive warranties you can get. Sold and installed by professional 3M™ Authorized Dealer Installers, our films are durable, designed to last and virtually maintenance free.



Terms to Know

- **TSER – Total Solar Energy Rejected**
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 contributed to sunburn and other harmful skin conditions and to the fading and deterioration of fabrics and leather.
- **IRR – Infrared Rejected**
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 Crystalline Series is available in a variety of tint levels to meet your needs.

		CR 20	CR 40	CR 50	CR 60	CR 70	CR 80	CR 90
TSER	Total Solar Energy Rejected	64%	62%	59%	57%	55%	52%	46%
	VLT	17%	33%	42%	51%	58%	62%	72%
	UV Block	99.9%	99.9%	99.9%	99.9%	99.9%	99.8%	99.9%
	Glare Reduction	77%	55%	43%	30%	21%	15%	1%
	IRR*	99%	99%	98%	98%	97%	96%	95%
	IRER**	66%	69%	68%	68%	68%	64%	59%

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.