A breakthrough in automotive window films.

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

200

layers of nano-technology film.

3M | Automotive Window Film

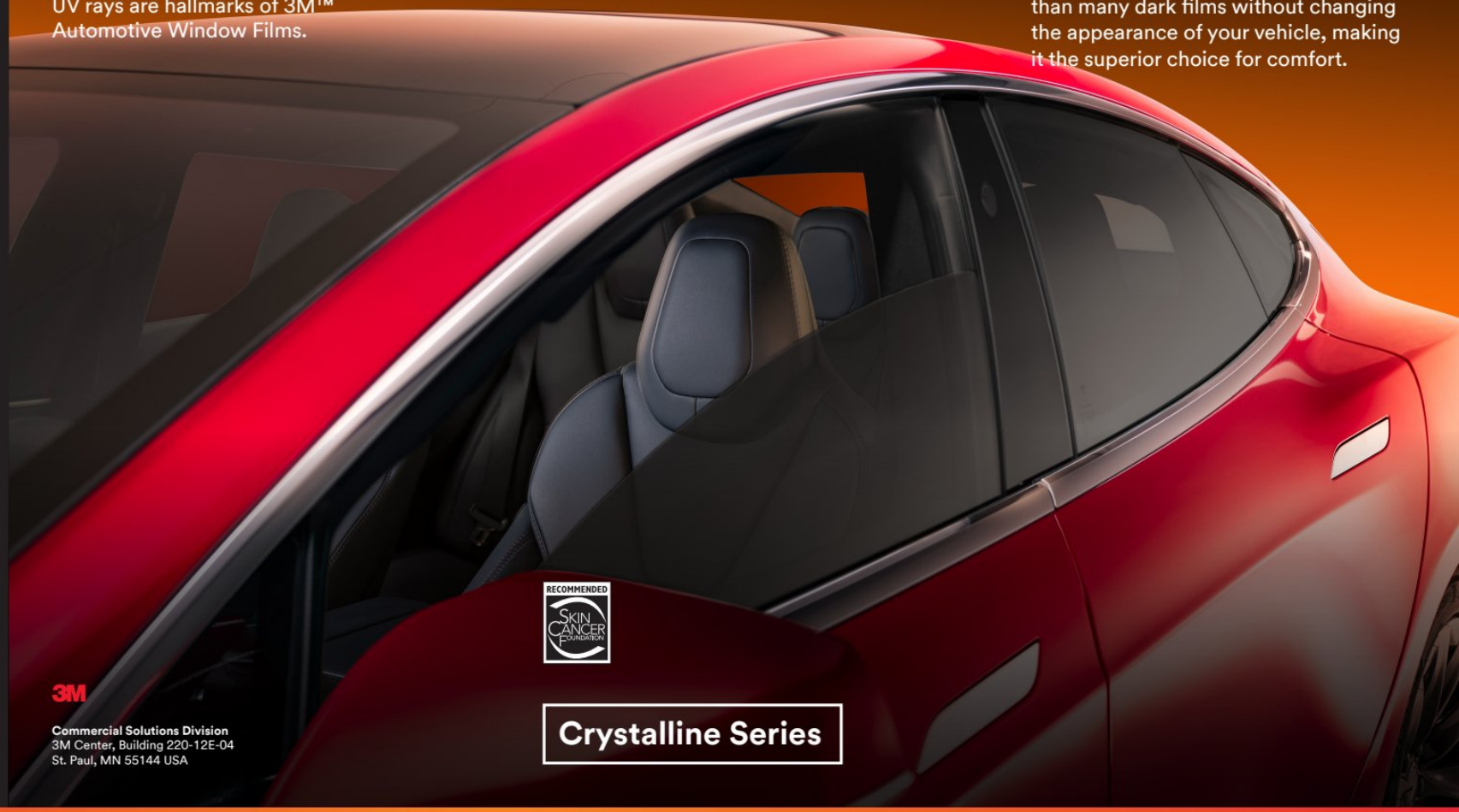
Invented and innovated.

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

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.



RECOMMENDED SKIN CANCER FOUNDATION

3M

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

Crystalline Series

CamScanner

3M™ Automotive Window Film Crystalline Series

Unique technology

Get advanced protection while keeping your vehicle's original appearance. With patented multilayer optical film technology, the 3M™ Crystalline Series provides better heat and UV protection than many darker films.

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

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.

Reduce glare

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

Stay connected

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



LT 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 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%
IRR*	Infrared Rejection	99%	99%	98%	98%	97%	96%	95%
	VLT	17%	33%	42%	51%	58%	62%	72%
	UV Rejection	99.9%	99.9%	99.9%	99.9%	99.9%	99.8%	99.9%
	Glare Reduction	77%	55%	43%	30%	21%	15%	1%
	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.

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