

3M clear film technology.

The Crystalline Series features a proprietary, multilayer optical film nano-technology that combines over 200 layers in a film that is thinner than a Post-it® Note. This unique technology is the reason a clear film can reject more heat than darker films. Thin film technology is a core competency at 3M, and the multilayer film technology we incorporate in our newest window film is similar to those 3M developed for use in a range of trusted products found in your home or office.

200
layers of
nano-technology film

**Invented, innovated
and improved.**

Improving comfort, protecting vehicle interiors and blocking UV rays are hallmarks of 3M™ Automotive Window Films. 3M was issued the first sun control window film patent in 1966, and our innovative window film products have helped provide protection from the sun’s harmful rays for 50 years. Put the innovation of 3M to work for you.

3M.com/WindowFilm

3M
Renewable Energy Division
3M Center, Building 235-2S-27
St. Paul, MN 55144-1000
3M.com/windowfilm

© 3M 2016. All rights reserved. 3M and Post-it are trademarks of 3M Company. Used under license by 3M subsidiaries and affiliates.
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.
98-0150-0681-4

3M Science.
Applied to Life.™

3M™ Automotive Window Film
Crystalline Series

**Ultimate comfort
and clarity.**



**A clear
breakthrough
in automotive
window films.**

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.

Crystalline Series

3M™ Automotive Window Film Crystalline Series

Stay cool

The Crystalline Series allows the lightest tint to reject more heat than many of the darkest films available. Rejection of up to 62% of the total solar energy and up to 97% of the heat-producing infrared rays gives you the ultimate in comfort.



Reduce heat

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.



Enhance visibility at night



Maintain 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.



Non-metallized — no signal interference

Superior UV protection

Blocking up to 99% of ultraviolet (UV) light, the Crystalline Series provides a total Sun Protection Factor (SPF) of 1000. This helps provide vehicle occupants with significant protection from harmful UV rays.



Block up to 99% UV rays



Reduce glare

The Crystalline Series reduces up to 77% of the glare from blinding sunlight, allowing you to see better and concentrate more on driving.



Reduce glare

Limited lifetime warranty

The Crystalline 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.



Limited lifetime warranty



Never turns purple

Terms to know

- ▶ **Total Solar Energy Rejected (TSER)**
The percentage of total solar energy rejected by filmed glass. The higher this value, the less solar heat is transmitted.
- ▶ **Visible Light Transmitted**
The percentage of visible light that passes directly through filmed glass: the higher the number, the lighter the film.
- ▶ **Infrared Rejected**
The percentage of infrared light rejected by the film on the glass. Infrared light is primarily responsible for the heat you feel when driving.
- ▶ **UV Rejection**
The percentage of harmful ultraviolet light that is rejected by filmed glass. Ultraviolet light contributes to sunburn and other harmful skin conditions and to the fading and deterioration of fabrics and leather.
- ▶ **Glare Reduction**
The percentage by which visible light is reduced by the addition of film.



The Skin Cancer Foundation recommends this product as an effective UV protectant.

Choose your level of protection

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

		CR20	CR40	CR50	CR60	CR70	CR90
TSER	Total Solar Energy Rejected	62%	60%	56%	53%	50%	34%
	Infrared Rejection*	97%	97%	97%	97%	97%	90%
	UV Rejection	99%	99%	99%	99%	99%	99%
	Glare Reduction	77%	55%	44%	32%	22%	3%

* Performance data generated using applicable industry test methods and standards. Infrared rejection measured on film only from 900nm to 1000nm.

