

**Superior 3M  
nano-ceramic  
technology.**

**Invented and  
innovated.**

**The science of  
being cool.**

**Ride in style  
and comfort.**

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

3M™ Automotive Window Film Ceramic XP Series offers reliable infrared rejection for suitable comfort.

Up to

**99%**

UV protection

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**Ceramic XP Series**



# 3M™ Automotive Window Film Ceramic XP Series



## Keep cool

The Ceramic XP Series provides essential infrared heat rejection due to the nano-ceramic technology. Rejecting up to 53% of total solar energy and up to 46% of infrared energy rejection\* for ideal thermal comfort.



## Stay connected

The Ceramic XP Series is a non-metallized window film that won't interfere with electronics, GPS, satellite radio or mobile devices, including 5G.



## Protect your privacy

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 XP Series can enhance the protection from the sun's harmful rays. Rejecting up to 99% ultraviolet (UV) light.



## Reduce glare

The Ceramic XP Series reduces up to 94% of the glare from blinding sunlight with low visible light reflectivity and no mirror-like appearance to disrupt your view out.



5-Year warranty: Backed by one of the most comprehensive warranties you can get. Sold and installed by professional 3M authorized dealers and 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.
- 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.
- 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.
- Glare Reduction**  
 The percentage by which visible light is reduced by the addition of film.

# Choose your level of protection.

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

	CMXP 5	CMXP 15	CMXP 25	CMXP 35	CMXP 50	CMXP 70
<b>IRER* TSER</b>						
Total Solar Energy Rejected	53%	52%	46%	42%	38%	35%
Infrared Energy Rejection	43%	45%	45%	42%	44%	46%
VLT	5%	12%	31%	40%	62%	77%
UV Rejection	99%	99%	99%	99%	99%	99%
Glare Reduction	94%	87%	65%	55%	31%	13%
IRR**	35%	38%	39%	32%	39%	39%

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

\*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.

\*\*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).

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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.