3M advanced nano-ceramic technology.

The Ceramic IR series was developed with a nano-ceramic technology that provides a high level of infrared rejection.
This 3M technology is compatible with 5G devices to stay connected.

Up to

95%

Infrared rejection* with nano-ceramic technology.



3M™ Automotive Window Film Ceramic IR Series

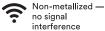
Stay Cool

The Ceramic IR Series provides great infrared heat rejection due to the absorptive nano-ceramic technology. Rejecting up to 63% of total solar energy and up to 95% of infrared rejection* for optimal thermal comfort and reducing the feel of sun on your skin.



Stay Connected

The Ceramic IR Series is developed with a metalfree design that won't interfere with electronics, GPS, satellite radio or mobile devices, including 5G.



Reduce Glare

The Ceramic IR 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.





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

► 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 (VLT)

The percentage of visible light that passes directly through filmed glass: the higher the number, the lighter the film.

Infrared Rejected (IRR)

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.

▶ 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.

► Infrared Energy Rejection (IRER)

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



Performance data generated using applicable industry test methods and standards.

* Infrared Rejected (IRR)- measured on film only from 900nm to 1000nm.

**Infrared Energy Rejection (IRER)- The percent of solar infrared energy rejection over the wavelength range from $780-2,500\,\mathrm{nm}$.

		IR 5	IR 15	IR 25	IR 30	IR 35	IR 50	IR 70
TSER	Total Solar Energy Rejected	63%	59%	57%	55%	52%	47%	41%
	VLT	6%	19%	30%	37%	45%	60%	78%
	UV Block	99%	99%	99%	99%	99%	99%	99%
	IRR*	95%	90%	90%	88%	85%	83%	78%
	IRER**	63%	61%	63%	62%	61%	60%	58%
	Glare Reduction	93%	78%	65%	57%	49%	32%	12%

