

Avery Dennison®

# NR Nano Ceramic IR Series Automotive Window Films

## Outstanding Performance and Nano Ceramic Technology

Avery Dennison® NR Nano Ceramic IR Series automotive window films deliver exceptional performance with advanced nano ceramic components for long lasting color stability and outstanding heat rejection. Its high optical clarity and deep graphite color tone upgrades vehicle aesthetics for a stunning looking and comfortable ride.

### Features and Benefits

- Excellent IR rejection and up to 93% glare reduction with minimal reflective effect.
- Blocks 99% of harmful UV.
- Zero interference of electronic equipment (metal free).
- Specially designed high performance adhesive for professional installation and clean removal.



Series	NR Nano Ceramic IR Non Reflective
Technology	Nanotechnology Nano ceramic+IR UV Stable Dye Metal-Free
Color Tone	Deep Graphite
Construction	2-Ply Weatherable
Thickness	1.5 Mil
Warranty	Lifetime, Limited Non-Transferable <sup>1</sup>
Color Stable	Yes

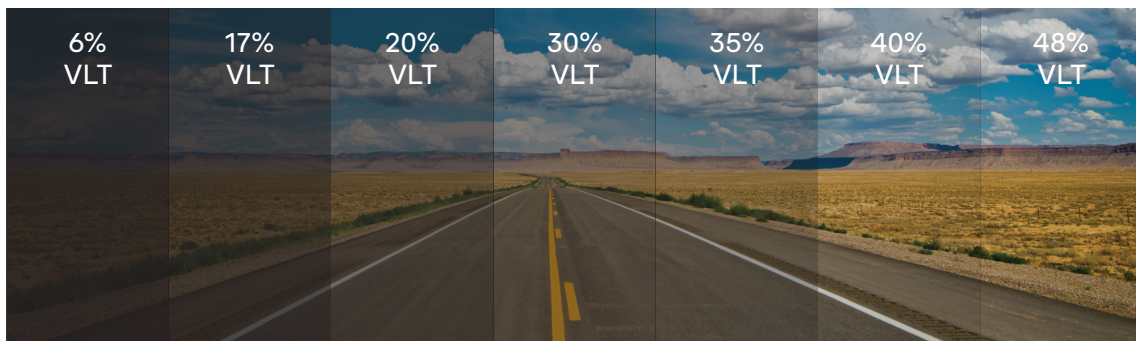
<sup>1</sup> For information on warranty terms, exclusions and certain limitations that apply please see the applicable product data sheets and other literature and bulletins on our website: [graphics.averydennison.com](https://graphics.averydennison.com)

## Optical & Solar Properties<sup>2</sup>

Film		Ultra-violet Block	Visible Light		Glare Reduction	SIRR <sup>3</sup>	IRER <sup>4</sup>	Shading Coefficient	Total Solar Energy			
			Transmitted	Reflected (Exterior)					Reflected	Transmitted	Absorbed	Rejected
NR Nano Ceramic IR 05	R058P0IR	>99%	6%	7%	93%	87%	62%	0.42	6%	10%	84%	64%
NR Nano Ceramic IR 15	R058P9IR	>99%	17%	7%	82%	85%	60%	0.46	6%	16%	78%	60%
NR Nano Ceramic IR 20	R058P6IR	>99%	20%	7%	78%	85%	60%	0.47	6%	17%	77%	59%
NR Nano Ceramic IR 30	R058P8IR	>99%	30%	7%	66%	83%	59%	0.51	7%	22%	71%	56%
NR Nano Ceramic IR 35	R058P5IR	>99%	35%	7%	60%	82%	58%	0.53	6%	25%	69%	54%
NR Nano Ceramic IR 40	R058P4IR	>99%	40%	7%	54%	81%	57%	0.55	7%	27%	66%	52%
NR Nano Ceramic IR 50	R058P7IR	>99%	48%	8%	45%	81%	57%	0.58	7%	31%	62%	50%

## Deep Graphite Appearance<sup>5</sup>

The UV stable deep graphite tone of NR Nano Ceramic IR automotive window films are offered in seven VLT levels.



This image has been simulated and is not actual product comparison.

## Ease Of Installation

NR Nano Ceramic IR Series automotive window films have excellent professional installer features including optimal heat-shrink capabilities that tack fast, for a durable and secure fit as well as easy clean removal for effortless adjustments.

For information please contact: [windowfilm.orders@averydennison.com](mailto>windowfilm.orders@averydennison.com) or 1-800-660-5559

<sup>2</sup>Performance results are calculated on 1/4" (6mm) clear glass using NFRC methodology and LBNL Window 5.2 software, and are subject to variations in process conditions within industry standards.

<sup>3</sup>SIRR - Selective InfraRed Rejection: the percentage of IR radiation that is not directly transmitted through a glazing system. Calculated as %SIRR = 100% - % Transmission (@ 780-2500nm).

<sup>4</sup>IRER - InfraRed Energy Rejection: the percentage of Near Infrared Energy Rejection as measured between 780-2500nm. Calculated as the TSER over 780-2500nm: %IRER = 100% - 100\*SHGC (@ 780-2500nm).

<sup>5</sup>Colors and tinting level are an approximate match. For a true color reference, please refer to the actual film sample.

All statements, technical information and recommendations about Avery Dennison products are based upon tests and information believed to be reliable but do not constitute a guarantee or warranty of any kind. All Avery Dennison products are sold with the understanding that Purchaser has independently determined the suitability of such products for its intended and other purposes.

[graphics.averydennison.com](http://graphics.averydennison.com)

S92539, 12/2020



For information on warranty terms, exclusions and certain limitations that apply please see our website: [graphics.averydennison.com](http://graphics.averydennison.com). All statements, technical information and recommendations about Avery Dennison products are based upon tests and information believed to be reliable but do not constitute a guarantee or warranty of any kind. All Avery Dennison products are sold with the understanding that the Purchaser has independently determined the suitability of such products for its intended and other purposes.

©2020 Avery Dennison Corporation. All rights reserved. Avery Dennison® is a registered trademark of Avery Dennison Corporation. Avery Dennison brands, product names, antenna designs and codes or service programs are trademarks of Avery Dennison Corporation.