



Get Ready for the Sun

Avery Dennison® Automotive Window Films

NR Nano Ceramic IR Series Non-Reflective Film

OUTSTANDING PERFORMANCE BASED ON NANO-CERAMIC COMPONENTS

Avery Dennison **NR Nano Ceramic IR** automotive window films take a step up delivering exceptional performance with their advanced Nano ceramic components for long lasting color stability and outstanding heat rejection.

FEATURES AND BENEFITS

- > High optical clarity and deep graphite color tone upgrades vehicle appearance to a high standard
- > Premium performance delivering 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
- > Easy to install with excellent dot matrix fitting and optimal shrink capabilities

EXPLORE THE LARGER PORTFOLIO

As part of its commitment to the auto restyling market, Avery Dennison is committed to a full portfolio of window films with a full range of aesthetic, performance and pricing options.

¹For 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

| | |
|---------------------|--|
| 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 ¹ |
| Color Stable | Yes |

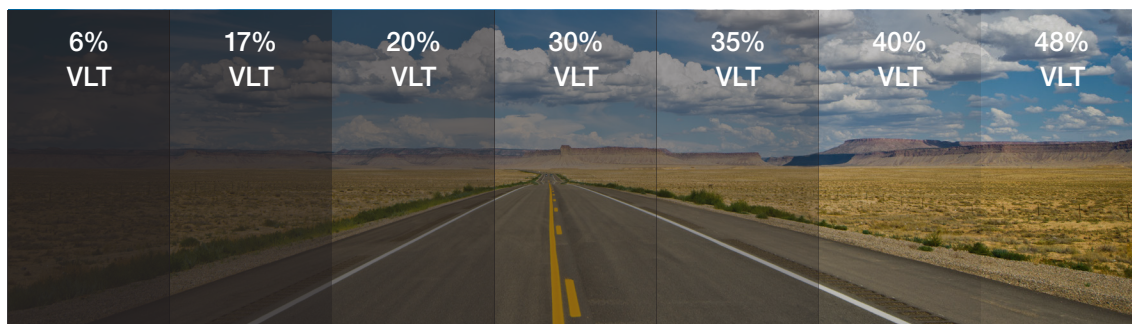


OPTICAL & SOLAR PROPERTIES²

| Film | | Ultra-violet Block | Visible Light | | Glare Reduction | SIRR ³ | IRER ⁴ | Shading Coefficient | Total Solar Energy | | | |
|-----------------------|----------|--------------------|---------------|----------------------|-----------------|-------------------|-------------------|---------------------|--------------------|-------------|----------|----------|
| | | | Transmitted | Reflected (Exterior) | | | | | Reflected | Transmitted | Absorbed | Rejected |
| NR Nano Ceramic IR 05 | R058P0IR | >99.9% | 6% | 7% | 93% | 87% | 62% | 0.42 | 6% | 10% | 84% | 64% |
| NR Nano Ceramic IR 15 | R058P9IR | >99.9% | 17% | 7% | 82% | 85% | 60% | 0.46 | 6% | 16% | 78% | 60% |
| NR Nano Ceramic IR 20 | R058P6IR | >99.9% | 20% | 7% | 78% | 85% | 60% | 0.47 | 6% | 17% | 77% | 59% |
| NR Nano Ceramic IR 30 | R058P8IR | >99.9% | 30% | 7% | 66% | 83% | 59% | 0.51 | 7% | 22% | 71% | 56% |
| NR Nano Ceramic IR 35 | R058P5IR | >99.9% | 35% | 7% | 60% | 82% | 58% | 0.53 | 6% | 25% | 69% | 54% |
| NR Nano Ceramic IR 40 | R058P4IR | >99.9% | 40% | 7% | 54% | 81% | 57% | 0.55 | 7% | 27% | 66% | 52% |
| NR Nano Ceramic IR 50 | R058P7IR | >99.9% | 48% | 8% | 45% | 81% | 57% | 0.58 | 7% | 31% | 62% | 50% |

DEEP GRAPHITE APPEARANCE⁵

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



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

EASE OF INSTALLATION

Avery Dennison NR Nano Ceramic IR automotive window films are designed for installation with outstanding heat-forming properties that tack fast, for a durable and secure fit. In addition, the PS adhesive is designed for an easy clean removal for effortless adjustments.

Avery Dennison

When selecting an Avery Dennison window film, know you are working with a global team of service obsessed, relentlessly curious inventors, engineers, and makers of pressure-sensitive materials, adhesives and coatings that stick on products you live with and dream about every day. We have a pioneering tradition of science-based innovation and corporate citizenship. Our special focus on automotive films, Supreme Wrapping™ Film vehicle wraps, and aftermarket effects places us in a unique position to help complete the total custom look of a vehicle.

For more about Avery Dennison, visit graphics.averydennison.com



²Performance 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.

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

⁴IRER - 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).

⁵Colors 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 Solutions

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