

# Avery Dennison® Shield IR 80 Automotive Window Film

## Virtually Invisible UV Protection

Avery Dennison® Shield IR 80 automotive window film delivers exceptional heat rejection with a virtually clear film. Shield IR 80 utilizes nanotechnology to reject infrared heat and solar energy without any visual distortion or noticeable darkening.

### Features and Benefits

- Advanced nanotechnology blocks >99% UV and rejects 44% of the total solar energy for driver and passenger comfort
- Exceptional skin protection without darkening the windows
- Enhanced solar protection for OEM-installed privacy glass
- Easier stock handling with a printed liner that shows footage remaining on the roll



Series	Shield IR 80 Infrared Spectrally-Selective
Technology	Nanotechnology
Color Tone	Light Blue
Construction	2-Ply Weatherable
Thickness	2 Mil
Warranty	Lifetime, Limited Non-Transferable <sup>1</sup>
Color Stable	Yes

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

Film	Ultra-violet Block	Visible Light		Glare Reduction	Selective Infrare Rejection <sup>3</sup>	Infrared Energy Rejection <sup>4</sup>	Shading Coefficient	Total Solar Energy			
		Transmitted	Reflected (Exterior)					Reflected	Transmitted	Absorbed	Rejected
Shield IR 80	>99%	77%	10%	13%	83%	59%	0.65	8%	44%	48%	44%

A Nearly Invisible Appearance<sup>5</sup>

A hint of light blue keeps the appearance of Shield IR 75 window film nearly invisible.



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

<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/pds](https://graphics.averydennison.com/pds)

<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 purpose



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