

# 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 Infrared 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](http://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.

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