

Avery Dennison  
Graphics Solutions  
Product Overview

Asia Pacific - ANZ  
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# Shield IR 75 Automotive Window Film

Maximum IR rejection,  
minimal colour



Avery Dennison Shield IR 75 automotive window film delivers exceptional heat rejection and visible light transmission with a virtually clear film. Shield IR 75 utilizes advanced nanotechnology to reject infrared heat and solar energy without any visual distortion or noticeable darkening<sup>1</sup>

## Features and Benefits

- Advanced nanotechnology that delivers extreme infrared heat rejection, up to 83% (SIRR)
- Certified maximum UV protection 50+, blocks >99% of harmful UV rays
- Scratch-resistant hardcoat for scratch-free installation and maintenance.
- Perfect IR/UV solution for darkened privacy glass, or where local regulations limit the use of darker tinted films.
- Zero interference of electronic equipment (metal free)

## A Nearly Invisible Experience

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



This image simulates colours and tinting levels, for a true color reference please refer to the actual film sample.

## Ease Of Installation

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.

## Film Properties

Series	Technology	Color Tone	Construction	Thickness	Warranty	Colour Stable
Shield IR 75 Infrared Spectrally- Selective	Nanotechnology	Light Blue	2-Ply Weatherable	2 Mil	Lifetime, Limited Non-Transferable <sup>2</sup>	Yes

## Optical and Solar Properties<sup>3</sup>

Film	Shield IR 75
Item Number	R069IRM
Visible Light Transmitted	77%
Visible Light Reflected (Exterior)	10%
Glare Reduction	13%
Total Solar Energy Rejected (TSER)	44%
Infrared Energy Rejection (IRER) <sup>4</sup>	59%
Selective Infrared Reduction (SIRR) <sup>5</sup>	83%
Ultraviolet Block	>99%

<sup>1</sup> No-fade refers to Avery Dennison automotive window film products maintaining color tone for the duration of the limited, lifetime warranty. Avery Dennison automotive window film products are subject to slight variations of natural aging within accepted industry standards.

<sup>2</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: [graphicsap.averydennison.com](http://graphicsap.averydennison.com)

<sup>3</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>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> 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).



Films have been tested by the Australian Radiation Prevention and Nuclear Safety Agency and have been given the highest possible Ultraviolet Protection Factor rating of 50+.

For more information, contact Avery Dennison customer service or your sales representative, or visit [graphicsap.averydennison.com](http://graphicsap.averydennison.com)

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