

# Avery Dennison® Encore™ Automotive Window Films

Revision: 01 Dated: 09/03/25

## Uses:

Avery Dennison Encore Automotive Window Film is a premier portfolio of films engineered with advanced nanotechnology for superior heat and UV protection. Our films are designed for easy installation, with excellent shrinkability and repositionability. The portfolio is designed with a tiered "good, better, best" structure to meet evolving customer needs.



**Face:** 2-Ply Polyester:  
Encore 1.5mil  
Encore Supreme 2mil  
Encore Supreme IR 2mil  
Encore™ Shield IR 80 2mil



**Adhesive:** Pressure-Sensitive



**Liner:** PET

**Application Surfaces:** Interior of Vehicle Glass

## Features and Benefits:

- Multiple Offerings:
  - Good - Encore
  - Better - Encore Supreme
  - Best - Encore Supreme IR
  - Encore™ Shield IR 80
- Blocks >99% of harmful UV rays
- Reduces glare and eyestrain
- Shattered glass retention enhances personal safety
- Increased privacy and style
- Non-metalized construction for optimal connectivity

## Conversion:

- Cut out of box
- Plotter cut
- Trim on glass
- Wet-apply

## Common Applications:

- All vehicles with Glass  
(Cars, Trucks, SUV's,  
Commercial Vehicles)

## Product Data Sheet

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## Physical Characteristics:

Film	Technology	Color Tone	Construction	Thickness	Color Stable
Encore Shield IR 80	Nanotechnology Nanoceramic + IR UV Stable Metal Free	Bluish clear tint	2-Ply	2 Mil	Yes
Encore Supreme IR Series	Nanotechnology Nanoceramic + IR UV Stable Metal Free	Deep Black	2-Ply	2 Mil	Yes
Encore Supreme Series	Nanotechnology Nanoceramic UV Stable Metal Free	Classic Black	2-Ply	2 Mil	Yes
Encore Series	Nanotechnology UV Stable Metal Free	Neutral Black	2-Ply	1.5 Mil	Yes

Storage Conditions	<p>Store Automotive Window Film in a cool dry place at the recommended conditions of 70° F (21° C) and 40 - 50% relative humidity. Avoid extreme temperature ranges in storage conditions. For long-term storage keep the film in the original package with a plastic roll cover.</p> <p>Proper storage allows the film to keep its maximum performance and enables a hassle-free application. The user assumes all risk and liability for the loss of performance when the film is stored improperly by the user.</p>
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## Expected Durability

Vertical Durability for vertical applications is noted in the chart below. Samples are available from [samples.graphics@averydennison.com](mailto:samples.graphics@averydennison.com) or through your sales or customer service contact. For information on warranty terms, exclusions and certain limitations that apply see window film warranty for details at (<https://graphics.averydennison.com/en/home/services/warranty/window-film-warranty.html>)

Film	Application Location	Warranted Durability
Encore Encore™ Supreme Encore™ Supreme IR Encore™ Shield IR 80	Interior glass of vehicles - North America	Lifetime to Original owner of Vehicle - Non Transferable

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## Optical and Solar Properties \*\*

Film	VLT	VLR (ext)	Glare Reduction	Infrared Energy Rejection	Selective Infrared Rejection	UV Block	TSER
Encore Shield IR 80	76%	9%	14%	62%	88%	>99%	45
Encore Supreme IR 05	5%	6%	94%	65%	93%	>99%	65%
Encore Supreme IR 15	17%	6%	81%	66%	93%	>99%	63%
Encore Supreme IR 25	30%	6%	65%	65%	93%	>99%	59%
Encore Supreme IR 35	38%	6%	56%	65%	93%	>99%	57%
Encore Supreme IR 45	45%	7%	48%	65%	92%	>99%	55%
Encore Supreme IR 55	54%	7%	38%	65%	92%	>99%	52%
Encore Supreme 05	8%	6%	91%	64%	91%	>99%	65%
Encore Supreme 15	17%	6%	80%	62%	88%	>99%	61%
Encore Supreme 20	25%	6%	72%	61%	86%	>99%	58%
Encore Supreme 30	30%	6%	66%	60%	85%	>99%	56%
Encore Supreme 35	36%	7%	58%	59%	84%	>99%	54%
Encore Supreme 40	47%	7%	47%	57%	80%	>99%	50%
Encore Supreme 50	53%	7%	39%	56%	79%	>99%	48%
Encore 05	5%	6%	94%	52%	74%	>99%	59%
Encore 20	17%	6%	81%	44%	61%	>99%	51%
Encore 35	39%	7%	55%	36%	48%	>99%	40%
Encore 50	55%	8%	37%	32%	42%	>99%	33%

\*\*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.

### Special Considerations:

Because of the unique properties and varieties of glass, special considerations must be considered for windows applications.

Avery Dennison accepts no liability for glass breakage.

- Automotive glass absorbs heat when exposed to sunlight. The degree of absorption across windows can vary to shading, heating, and cooling ventilation, and insulation from window frames. These temperature differences across the window can produce heat stress, which can cause glass breakage. The ability of glass to resist breakage because of temperature stress is affected by window size, glass thickness, glass treatments, quality, and design.
- Window cleaning methods also vary, from the type of cleaners used to the washing methods employed. Specific chemicals used in window cleaners may adversely affect the adhesion of pressure-sensitive adhesives.

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## Warranty:

This Warranty applies to the Product listed in this Data Sheet. All statements, technical information (including physical and chemical characteristics), and recommendations about Avery Dennison products are based upon tests believed to be reliable but do not constitute a guarantee or warranty. All Avery Dennison products are sold subject to the Purchaser's consent and agreement that the Purchaser is responsible for, and has independently determined, the suitability of such products for its purposes or its customer's purposes. Avery Dennison products are warranted to be free from defects in material and workmanship (i) for two years from the date of manufacture, or (ii) from the date of manufacture until the expiration of the period stated on the specific Product Data Sheet in effect at the time of delivery. Such periods are subject in either case to the proper storing and application of the said product, and the failure to properly store or apply the product, including without limitation the failure to follow any applicable Instructional Bulletin, negates any warranty. It is expressly agreed and understood that Avery Dennison's sole obligation and Purchaser's exclusive remedy under this warranty, under any other warranty, express or implied, or otherwise, shall be limited exclusively to (a) repair or replacement of defective product without charge at Avery Dennison's plant or at the location of the product (at Avery Dennison's election), or (b) in the event repair or replacement is not commercially practical, a credit amount up to the price of the product taking into account the defect in the product in Avery Dennison's sole discretion.

THE WARRANTY EXPRESSLY SET FORTH ABOVE IS IN LIEU OF ANY OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR ANY PARTICULAR USE AND/OR NON-INFRINGEMENT. SELLER SPECIFICALLY DISCLAIMS AND EXCLUDES ALL OTHER SUCH WARRANTIES. NO WAIVER, ALTERATION, ADDITION, OR MODIFICATION OF THE FOREGOING CONDITIONS SHALL BE VALID UNLESS MADE IN WRITING AND MANUALLY SIGNED BY AN OFFICER OF AVERY DENNISON.

AVERY DENNISON'S LIABILITY FOR DEFECTIVE PRODUCTS SHALL NOT EXCEED THE PURCHASE PRICE PAID THEREFORE BY PURCHASER AND IN NO EVENT SHALL AVERY DENNISON BE RESPONSIBLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES WHETHER FORESEEABLE OR NOT, CAUSED BY DEFECTS IN SUCH PRODUCT, WHETHER SUCH DAMAGE OCCURS OR IS DISCOVERED BEFORE OR AFTER REPLACEMENT OR CREDIT, AND WHETHER OR NOT SUCH DAMAGE IS CAUSED BY AVERY DENNISON'S NEGLIGENCE.

All sales and contracts for the sale of Products are subject to the Purchaser's assent and agreement to this Warranty. Avery Dennison hereby objects to any terms or conditions contained in any purchase order or other communication of any kind from the Purchaser that is conflicting, inconsistent, or additional to this Agreement.

Additionally, exterior and interior window films are subject to additional warranty limitations and conditions, which are available at on the [Avery Dennison Website](#).

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