

# Avery Dennison® DOL 2000 Series

## Permanent Kraft

Revision: 11 Dated: 01/05/22

### Uses:

Avery Dennison® DOL 2000 Series clear calendered vinyl films are flexible vinyl films available in a gloss, luster, or matte finish. DOL 2000 Series overlaminates have been specifically designed as a protective overlaminate film for digital or screen printed graphics.

### Finishes:

DOL 2060 – Gloss  
DOL 2070 – Luster  
DOL 2080 – Matte



**Face:** 3.1 mil (79 microns) calendered film



**Adhesive:** Permanent Acrylic (clear)



**Liner:** 78# Bleached Kraft



**Durability:** Up to 3 years

### Application Surfaces:

Flat or Simple Curves

### Features:

- Gloss, Luster, or Matte finish available
- Protects image from scratches
- Enhances color and depth of image
- Provides durability and outdoor performance
- Aids in application of printed graphic
- Excellent UV, temperature, humidity, and salt-spray resistance
- Meets UL 410 Standard for slip resistance of floor surface materials
- ASTM E84 Class 1 or A rating

### Conversion:

- Cold Overlaminating

### Common Applications:

- Fleet (flat & simple curve only)
- Vehicle (flat & simple curve only)
- Backlit
- POP / Trade Show
- Wall Murals
- Window Graphics
- Outdoor Signage
- Floor Graphics

## Product Data Sheet

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Graphics Solutions

[www.graphics.averydennison.com](http://www.graphics.averydennison.com)  
Customer Service: 800-282-8379

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## Physical Characteristics:

Property	Measurement	Typical Values
Caliper, face		3.1 mil (79 µm)
Caliper, adhesive		1.0 mil (25 µm)
Dimensional stability		<0.025"(0.588 mm)
Tensile at Yield		
Elongation		
Gloss	Hunter Gloss @ 60 degrees	DOL 2060 Gloss – 70 DOL 2070 Luster – 40-50 DOL 2080 Matte - 8
Adhesion:	15 min	4.75 lbs/in (831 N/m)
Flammability	ASTM E-84	Self Extinguishing <a href="#">DOL 2060 Class 1 or A rating</a> <a href="#">DOL 2080 Class 1 or A rating</a>
Shelf-Life		2 years from the date of manufacture (when stored at the following temperatures and humidity conditions 68°-77° F (20° - 25° C) and 50±5% R. H.)
Durability	Vertical Exposure	Up to 3 years see <a href="#">ICS Performance Guarantee</a> for printer specific durability
	Floor Graphics	6 months (normal and expected wear) see <a href="#">ICS Performance Guarantee for Indoor Floor Graphics</a> for details
Min. Application Temperature		40° F (4° C)
Service Temperature		-40° to 180°F (-40° to 82° C) (Reasonable range of temperatures which would be expected under normal environmental conditions).
Chemical resistance		Resistant to most mild acids, alkalis, and salt solutions including water. Resists Petroleum Vapors
Slip Resistance	UL 410	
Compliance		<a href="#">California Proposition 65</a>

Data represents average values where applicable, and is not intended for specification purposes.

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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 assent and agreement that 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 time periods are subject in either case to the proper storing and application of 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 are 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.

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All sales and contracts for sale of Products are subject to 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.

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## Special Considerations:

When overlaminating UV printed graphics: Heat assist and increasing lamination pressure when applying the overlaminate will reduce the silvering that can occur when laminating UV printed graphics. Do not exceed 115° F (46° C) on the top or bottom roll. Roll pressure up to 100 psi may be used. When applying the overlaminate in this manner, use the minimum amount of unwind tension on the overlaminate to reduce stretching during application.

## Related Documents:

The following Avery Dennison® literature will provide complete information to the user for proper application, storage, and other requirements and is available upon request from your Avery Dennison representative or from the Avery Dennison website ([www.graphics.averydennison.com](http://www.graphics.averydennison.com)).

Document Title	Reference Number
Substrate Cleaning and Preparation	<a href="#">Instructional Bulletin #1.10</a>
Storage, Maintenance, and Cleaning of PVC Films	<a href="#">Instructional Bulletin #1.20</a>
Warranty of Films	<a href="#">Instructional Bulletin #1.30</a>
Removal Instructions	<a href="#">Instructional Bulletin #4.10</a>
Tips for Overlaminating, Premasking & Packaging Graphics	<a href="#">Instructional Bulletin #5.50</a>

Revisions are italicized

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