

Avery Dennison® DOL 2000 Series

Permanent Kraft

Revision: 10 Dated: 04/23/20

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

Page 1 of 4



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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		<0.015" (0.4 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 DOL 2060 Class 1 or A rating DOL 2080 Class 1 or A rating
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 <i>Floor Graphics</i>	Up to 3 years see ICS Performance Guarantee for printer specific durability <i>6 months (normal and expected wear)</i> see ICS Performance Guarantee for Indoor Floor Graphics 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	 FLOOR COATING AND FINISHING MATERIAL AS TO SLIP RESISTANCE ONLY UL Reference # 18G11
Compliance		California Proposition 65

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

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Page 2 of 4



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Warranty:

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Product Data Sheet

Page 3 of 4



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Solutions

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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).

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

Revisions are italicized

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Product Data Sheet

Page 4 of 4



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