

Avery® HP DOL 2000 Series

Permanent Kraft

(formerly: DOL 2000 Series – 78#)

Revision: New Dated: 02/10/2009



FLOOR COATING AND FINISHING MATERIAL
AS TO SLIP RESISTANCE ONLY
UL Reference # 16GH

Uses:

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

Finishes:

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



Face: 3.1 mil (79 microns) high gloss cast 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

Conversion:

- Thermal Die-Cutting
- Flat Bed Sign-Cut
- Drum Roller Sign-Cut
- Steel Rule Die-Cutting

- Thermal Transfer
- Screen Printing
- Cold Overlaminating
- Water based inkjet

- Solvent based inkjet
- Mild/Eco Solvent inkjet
- UV inkjet

Common Applications:

- Fleet
- Vehicle
- Marine/ Watercraft

- Backlit Signs
- Wall Murals
- POP/ Tradeshow

- Window Graphics
- Outdoor Signage
- Floor Graphics

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Physical Characteristics:

Property	Value	
Caliper, face	3.1 mil (79 µm)	
Caliper, adhesive	1.0 mil (25 µm)	
Dimensional stability	<0.15"(0.4mm)	
Tensile at Yield	Elongation	
Gloss	Hunter Gloss @ 60	DOL 2060 Gloss – 70 DOL 2070 Luster – 40-50 DOL 2080 Matte - 8
Adhesion: 15 min.	4.75 lbs/in (831 N/m)	
Flammability	Self Extinguishing	
Shelf-Life	1 year	
Durability	Vertical Exposure	Up to 3 years
Min. Application Temperature	40°F (4°C)	
Service Temperature	-40° - 180°F (-40° - 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.	

Important:

Information on physical and chemical characteristics are based on tests believed to be reliable. The values are intended only as a source of information. This information is given without guaranty and do not constitute a warranty. The purchaser should independently determine, prior to use, the suitability of any material for their specific purpose. (Data represents average values where applicable, and is not intended for specification purposes)

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Dimensional stability:

Is measured on a 6" x 6" (150 x 150 mm) aluminum panel to which a specimen has been applied; 72 hours after application the panel is scored in a cross pattern, exposed for 48 hours to 150°F (65°C), after which the shrinkage is measured.

Adhesion:

(FTM-1, FINAT) is measured by peeling a specimen at a 180° angle from a stainless steel panel, 24 hours after the specimen has been applied under standardized conditions. Initial adhesion is measured 15 minutes after application of the specimen.

Flammability:

A specimen applied to aluminum is subjected to the flame of a gas burner for 15 seconds. The film should stop burning within 15 seconds after removal from the flame.

Temperature range:

A specimen applied to stainless steel is exposed at high and low temperatures and brought back to room temperature. 1 hour after exposure the specimen is examined for any deterioration. Note: Prolonged exposure to high and low temperatures in the presence of chemicals such as solvents, acids, dyes, etc. may eventually cause deterioration.

Chemical Resistance:

All chemical tests are conducted with test panels to which a specimen has been applied. 72 hours after application the panels are immersed in the test fluid for the given test period. 1 hour after removing the panel from the fluid, the specimen is examined for any deterioration.

Flammability:

Pending

Meets ASTM E84-04, Standard Test Method for Surface Burning Characteristics of Building Materials, Class A Rated

*Further ASTM E84-04 documentation available upon request

Revisions are italicized

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