Avery® HP DOL 2000 Series

Permanent Kraft
(formerly: DOL 2000 Series – 78#)
Revision: 6 Dated: 10/04/12

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) calendered

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
- UL recognized slip resistance for floor graphics
- ASTM E84 Class 1 or A rating
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Conversion:

☒ Thermal Die-Cutting	☐ Thermal Transfer	☐ Solvent based inkjet
☒ Flat Bed Sign-Cut	☐ Screen Printing	☐ Mild/Eco Solvent inkjet
☒ Drum Roller Sign-Cut	☒ Cold Overlaminating	☐ UV inkjet
☒ Steel Rule Die-Cutting	☐ Water based inkjet	

Common Applications:

☒ *Fleet* (flat & simple curve only)	☒ Backlit Signs	☒ Window Graphics
☒ *Vehicle* (flat & simple curve only)	☒ Wall Murals	☒ Outdoor Signage
☐ Marine/ Watercraft	☒ POP/ Tradeshow	☒ Floor Graphics

Product Data Sheet

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Physical Characteristics:

Property		Value
Caliper, face		3.1 mil (79 µm)
Caliper, adhesive		1.0 mil (25 µm)
Dimensional stability Tensile at Yield Elongation		*<0.015"(0.4mm)*
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.

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

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.

Revisions are italicized

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