

PRODUCT DATA SHEET



Avery® DOL 2000 Series

issued: 23/05/2007

Introduction

Avery DOL 2000 Series are polymeric plasticized, premium calendered laminates. Avery DOL 2000 Series have been specifically designed as a protective overlaminating film for digitally printed images.

Description

Face-film : 80 micron flexible, transparent, calendered vinyl
DOL 2000 Gloss Clear
DOL 2100 Matt Clear
DOL 2200 Lustre Clear

Adhesive : permanent clear pressure sensitive, acrylic based.
Backingpaper : white bleached kraft paper, 130 g/m²

Conversion

For processing tips and reference guides please refer to Technical Bulletins:

- 5.3 Recommended combinations of Avery overlaminates and Avery Digital Print Media.
- 5.4 Processing tips for Avery DOL films.

Uses

Protective overlaminating film for digital printed images on flat or slightly curved substrates for indoor and outdoor use.

Features

- Adds attractive uniform finish to a print.
- Protects against UV radiation and abrasion.
- Especially designed for inkjet printed images

Note

The durability of a printed image always depends on the toner/ink, film, used over laminate, processing and exposure conditions.



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PRODUCT CHARACTERISTICS

Avery® DOL 2000 Series

Physical properties

Features	Test method ¹	Results
Caliper, facefilm	ISO 534	80 micron
Caliper, facefilm + adhesive	ISO 534	110 micron
Gloss		
DOL 2000 Gloss	ISO 2813, 20 ⁰	70 %
DOL 2100 Matt	ISO 2813, 85 ⁰	75 %
DOL 2200 Lustre	ISO 2813, 20 ⁰	25 %
Adhesion, initial	FINAT FTM-1, stainless steel	500 N/m
Adhesion, ultimate	FINAT FTM-1, stainless steel	700 N/m
Shelf life	Stored at 23 ⁰ C/50-55% RH	2 years
Durability film	Vertical exposure	4 years

Temperature range

Features	Results
Lamination temperature	See Technical Bulletin
Service temperature	-40°C to +80°C

Chemical properties

Features	Test method ¹	Results
Chemical resistance		Resistant to most mild acids, alkalis and salt solutions.

Prolonged immersion in gasoline and similar fluids is not recommended.

Important

Information on physical and chemical characteristics is based upon tests we believe to be reliable. The values listed herein are typical values and are not for use in specifications. They are intended only as a source of information and are given without guarantee and do not constitute a warranty. Purchasers should independently determine, prior to use, the suitability of this material to their specific use.

All technical data are subject to change. In case of any ambiguities or differences between the English and foreign versions of these Conditions, the English version shall be controlling.

Warranty

Avery® branded materials are manufactured under careful quality control and are warranted to be free from defect in material and workmanship. Any material shown to our satisfaction to be defective at the time of sale will be replaced without charge. Our aggregate liability to the purchaser shall in no circumstances exceed the cost of the defective materials supplied. No salesman, representative or agent is authorised to give any guarantee, warranty, or make any representation contrary to the foregoing.

All Avery® branded materials are sold subject to the above conditions, being part of our standard conditions of sale, a copy of which is available on request.

1) Test methods

More information about our test methods can be found on our website.

2) Durability

The durability is based on middle European exposure conditions. Actual performance life will depend on substrate preparation, exposure conditions and maintenance of the marking. For instance, in the case of signs facing south; in areas of long high temperature exposure such as southern European countries; in industrially polluted areas or high altitudes, exterior performance will be decreased.



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