

PRODUCT DATA SHEET**Avery® DOL 3000 Series**

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Introduction

Avery DOL 3000 Series is a monomeric plasticized, calendered laminate film. Avery DOL 3000 Series has been specifically designed as a protective overlaminating film for digitally printed images, followed by application on flat surfaces.

Description

Face-film : 80 micron transparent, calendered vinyl

DOL 3000 Gloss Clear

DOL 3100 Matt Clear

DOL 3200 Lustre Clear

Adhesive : permanent clear pressure sensitive, acrylic based

Backingpaper : one side coated bleached kraft paper, 87 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

Suitable for lamination of photographic papers and digital printed substrates such as paper, polyester and vinyl, requiring a matte finish, followed by application on flat surfaces such as windows.

Suitable for indoor (preferable) and short life outdoor use (up to 2 years).

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 overlaminate, processing and exposure conditions.



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PRODUCT CHARACTERISTICS
Avery® DOL 3000 Series
Physical properties
Features

Caliper, facefilm
Caliper, facefilm + adhesive
Gloss

Test method¹

ISO 534
ISO 534
ISO 2813, 20⁰
ISO 2813, 85⁰
ISO 2813, 85⁰

Results

80 micron
110 micron
70 %
10 %
75 %

Adhesion, initial

FINAT FTM-1, stainless steel

550 N/m

Adhesion, ultimate

FINAT FTM-1, stainless steel

900 N/m

Shelf life

Stored at 23⁰C/50-55% RH

2 years

Durability, unprinted

Vertical exposure

2 years

Temperature range
Features

Lamination temperature
Service temperature

Results

See Technical Bulletin
-40°C to +80°C

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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