

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

Film : 80 micron flexible, transparent, calendered vinyl
DOL 3000 Gloss Clear
DOL 3100 Matt Clear
DOL 3200 Lustre Clear

Adhesive : permanent clear pressure sensitive, acrylic based
Backing : 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.

PRODUCT CHARACTERISTICS

Avery® DOL 3000 Series

Physical properties

Features	Test method ¹	Results
Caliper, facefilm	ISO 534	80 micron
Caliper, facefilm + adhesive	ISO 534	110 micron
Gloss		
DOL 3000 Gloss Clear	ISO 2813, 20°	70 %
DOL 3100 Matt Clear	ISO 2813, 85°	10 %
DOL 3200 Lustre Clear	ISO 2813, 85°	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 ²	Vertical exposure	2 years

Temperature range

Features	Results
Application temperature temperature:	See Technical Bulletin - 40 °C to + 80 °C

Chemical properties

Features	Results
Chemical resistance	Resistant to most petroleum based oils, greases and aliphatic solvents. Resistant to mild acids, alkalis, salts.

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.

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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