

PRODUCT DATA SHEET

Avery Dennison® DOL 3000 Series

Issued: 12/2020

Introduction

Avery Dennison DOL 3000 series are monomeric calendered laminates that have been designed as short-term protective overlaminating films for digitally printed images

Conversion

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

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

Recommendations

Protective over laminating films for digitally printed images on flat substrates for promotional short-term indoor and outdoor applications.

Features

- » Adds attractive uniform finish to a print
- » Enhances colors of image
- » Protects against UV radiation and abrasion
- » Improves durability of image (up to 2 years)



Face Film

80 micron flexible, transparent, calendered vinyl

DOL 3460 Gloss Clear DOL 3470 Lustre Clear
DOL 3480 Matt Clear



Adhesive

Permanent, acrylic based



Backing

One side coated bleached kraft paper, 95 g/m2



Durability

2 years



Shelf Life

2 years

Physical Characteristics

	Test method ¹	Results
Product		
Caliper, facefilm (micron)	ISO 534	80
Caliper, facefilm + adhesive (micron)	ISO 534	100
Gloss (GU)		
DOL 3460 Gloss	ISO 2813, 85°	70
DOL 3470 Lustre	ISO 2813, 85°	75
DOL 3480 Matt	ISO 2813, 85°	10
Shelf life (years)	Stored at 22° C/50-55 % RH	2
Durability ² (years)	Vertical exposure	2
Fire Classification Rating	EN 13501-1	B-s1, d0
Adhesive		
Adhesion, initial (N/m)	FINAT FTM-1, stainless steel	475
Adhesion, after 24 hours (N/m)	FINAT FTM-1, stainless steel	660
Temperature range		
Application temperature (min °C)		See TB 5.4
Service temperature (°C to +°C)		-40 - +80
Chemical properties³		
Chemical resistance	Mild acids	No effect
Solvent resistance	Mild alkalis	No effect
Solvent resistance	Applied to aluminium	No effect exposed to: oils, greases, aliphatic solvents, motor oils, heptane, kerosene and JP-4 fuel.

Important

Information on physical and chemical characteristics and values in this document are based upon tests we believe to be reliable and do not constitute a warranty. 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 this document, the English version shall be prevailing and leading.

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.

3) Prolonged immersion in gasoline and similar fluids is not recommended.

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