

PRODUCT DATA SHEET

Avery Dennison[®] DOL 2800 Series

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Introduction

Avery Dennison DOL 2800 series are calendered laminates that have been designed as a short to medium-term protective overlaminating films for digitally printed images on flat or slightly curved substrates.

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 overlaminating film for digitally printed images on flat or slightly curved substrates for promotional short-term and medium-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 3 years indoor)



Face Film

75 micron flexible, transparent, calendered vinyl

DOL 2860 Promotional Gloss Clear

DOL 2880 Promotional Matt Clear



Adhesive

Permanent, acrylic based



Backing

One side coated bleached kraft paper, 95 g/m²



Durability

DOL 2860 Gloss 3 years

DOL 2880 Matt 3 years indoor / 2 years outdoor



Shelf Life

2 years

Physical Characteristics

	Test method ¹	Results
Product		
Caliper, facefilm (micron)	ISO 534	75
Caliper, facefilm + adhesive (micron)	ISO 534	100
Gloss (GU)		
DOL 2860 Promotional Gloss Clear	ISO 2813, 20°	45
DOL 2880 Promotional Matt Clear	ISO 2813, 85°	15
Shelf life (years)	Stored at 22° C/50-55 % RH	2
Durability ² (years)	Vertical exposure	DOL 2860 Gloss 3 years DOL 2880 Matt 3 years indoor / 2 years outdoor
Fire Classification Rating	EN 13501-1	B-s1, d0
Adhesive		
Adhesion, initial (N/m)	FINAT FTM-1, stainless steel	500
Adhesion, after 24 hours (N/m)	FINAT FTM-1, stainless steel	700
Temperature range		
Application temperature (min °C)		see TB 5.4
Service temperature (°C to +°C)		-20 - +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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