

PRODUCT DATA SHEET

Avery Dennison® DOL 6460

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Introduction

Avery Dennison DOL 6460 is a premium quality, flexible film designed for use as a protective overlamine film for digitally printed images where a sustainable PVC-free solution is required. DOL 6460 offers exceptional high gloss, superior 3D conformability, and colour durability.

DOL 6460 is providing an overall paint-like finish of printed graphics. **The film is supplied with its original PET casting sheet in order to protect the face film.**

Conversion

Keep the PET protective sheet during lamination and remove the PET protective sheet afterwards. For further information about recommended laminator settings please refer to TB 5.4.



Face Film

38 micron high gloss polyurethane film, clear, flexible



Adhesive

Permanent, acrylic based, clear



Backing

White kraft paper, 135 g/m2



Durability

8 years



Shelf Life

2 years

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"
- » "5.10 Application of Avery Dennison PVC-free Wrapping Film"

Recommendations

Protective overlamine film for digitally printed images for indoor and outdoor use where sustainable PVC-free solution is required. Avery Dennison DOL 6460 series overlaminates can be used in combination with Avery Dennison MPI 1405 EA RS, MPI 1105 series and MPI 1104 series media for application on corrugated or riveted surfaces for vehicle graphics and vehicle wrapping, outdoor architecture applications and all permanent applications requiring excellent conformability.

Features

- » Superior conformability to irregular substrates
- » Outstanding durability and outdoor performance, including excellent UV resistance
- » Excellent dimensional stability
- » Protecting printed graphics image against UV radiation and abrasion
- » Enhances colour and depth of image with eye-catching high gloss finish

Physical Characteristics

	Test method ¹	Results
Product		
Caliper, facefilm (micron)	ISO 534	38
Caliper, facefilm + adhesive (micron)	ISO 534	75
Gloss (GU)	ISO 2813, 20°	90
Dimensional stability (mm max.)	FINAT FTM 14	0.2
Shelf life (years)	Stored at 22° C/50-55 % RH	2
Durability ² (years)	Vertical exposure	8
Elongation (%), typical values	DIN 53455	>150
Fire Classification Rating	EN 13501-1	B-s1, d0
Adhesive		
Adhesion, initial (N/m)	FINAT FTM-1, stainless steel	440
Adhesion, after 24 hours (N/m)	FINAT FTM-1, stainless steel	600
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

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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