

## PRODUCT DATA SHEET



# Avery® DOL 4300 Gloss

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### Introduction

Avery DOL 4300 is a high gloss overlaminating film that can be put on a wide range of (digitally) printed media.

### Description

Facefilm : 23 micron high gloss transparent polyester  
Adhesive : permanent, acrylic based  
Backing paper : one side coated bleached kraft paper, 140 g/m<sup>2</sup>.

### 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

### Features

- High clarity.
- Excellent adhesion.
- Allows easy removal of graffiti.
- Used on images created by screenprinting or digitally printed images.
- Good resistance to UV radiation and outdoor exposure conditions.
- High abrasion resistance.
- Excellent dimensional stability.
- Good resistance to chemicals and solvents.

### Uses

When laminating over printed images, the used inks/toners should be thoroughly dry and free of (silicone) additives that might reduce/prevent proper adhesion of Avery DOL 4300.

Avery DOL 4300 is an overlaminating film that protects durable images against permanent damage from graffiti, paints and UV light. Most commercially available graffiti removal fluids will allow the removal of graffiti without damaging Avery DOL 4300.

### 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 4300

## Physical properties

Features	Test method <sup>1</sup>	Results
Caliper, facefilm	ISO 534	23 µm
Dimensional stability	DIN 30646	0,1 mm max.
Adhesion, initial	FINAT FTM-1, stainless steel	500 N/m
Adhesion, ultimate	FINAT FTM-1, stainless steel	600 N/m
Flammability		Selfextinguishing
Artificial weathering	DIN 53387	No negative effect on film performance
Shelf life	1500 hours of exposition	2 years
Durability *	Stored at 22° C/50-55 % RH	5 years
	Vertical exposure	

## Temperature range

Features	Results
Lamination temperature	See Technical Bulletin
Service temperature:	- 50 to +150° C

## Chemical properties

Features	Test method <sup>1</sup>	Results
Humidity resistance	120 hours exposure	No effect
Corrosion resistance	120 hours exposure	No contribution to corrosion
Water resistance	48 hours immersion	No effect
Resistance to cleaning	ASTM-D-2486; 1000 cycles	No effect

Resistance to solvents and chemicals:

Immersion	Immersion fluid	Duration
Diesel oil	24 hours	No effect
Antifreeze	24 hours	No effect
Distilled water 65°C	24 hours	No effect
Detergent solution 65°C	8 hours	No effect
SAE motor oil	24 hours	No effect
Mild acids	24 hours	No effect
Mild alkalines	24 hours	No effect

### 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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