

PRODUCT DATA SHEET



issued: 20/05/2004

Avery® DOL 4100 Gloss

Introduction

Avery DOL 4100 is a super gloss overlaminating film for special use on Avery perforated window films such as Avery 6551, Avery IPM 6551, Avery MPI-A 6551 to guarantee optimal adhesion performance of the perforated window film.

Description

Facefilm : 25 micron super gloss transparent polyester
Adhesive : permanent transparent, acrylic based
Backingpaper : transparent polyester

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.
- High abrasion resistance.
- Excellent dimensional stability.
- Good resistance to chemicals and solvents.
- Excellent adhesion.
- Excellent resistance to automatic washing cycles.

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 the overlaminate. Avery DOL 4100 is compatible with both screen printed and digitally printed images.

Avery DOL 4100 is only recommended for 100% flat windows. Avery DOL 4000 can be used for either flat or slightly curved windows.

Note

It is strongly recommended for outdoor use to always overlaminate Avery perforated window films with Avery DOL 4100. The durability of a printed image always depends on the toner/ink, film, used overlaminate and processing and exposure conditions.



www.averygraphics.com

Graphics Division
Rijndijk 86, P.O. Box 118
2394 ZG Hazerswoude – The Netherlands
Tel +31 71 3421500 – Fax +31 71 3421538

PRODUCT CHARACTERISTICS

Avery® DOL 4100 Gloss

Physical properties

Features	Test method ¹	Results
Caliper, facefilm	ISO 534	25 micron
Caliper, facefilm + adhesive	ISO 534	50 micron
Shelf life	Stored at 22° C/50-55 % RH	1 year
Dimensional stability	DIN 38464	Excellent
Durability when applied to perforated film	Vertical exposure	2 years

Temperature range

Features	Results
Lamination temperature	See Technical Bulletin
Service temperature	- 40 to +125° C

Chemical properties

Features	Test method ¹	Results
Resistant to most mild acids, alkalies and salt solutions.		

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.



www.averygraphics.com

Graphics Division
Rijndijk 86, P.O. Box 118
2394 ZG Hazerswoude – The Netherlands
Tel +31 71 3421500 – Fax +31 71 3421538