

PRODUCT DATA SHEET

Avery Dennison[®] MPI™ 2002

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Introduction

Avery Dennison MPI 2002 is a gloss white polymeric removable self-adhesive vinyl.

Because of the film's excellent dimensional stability during use and excellent removability, Avery Dennison MPI 2002 is highly recommended for a wide range of applications on flat and slightly curved substrates requiring easy and clean removal.

Conversion

Avery Dennison MPI 2002 is a multi-purpose vinyl, developed for use on various super wide format printers using solvent-, eco/mild solvent-, UV curable and latex inks.

To enhance colour and protect images against UV radiation and abrasion, Avery Dennison MPI 2002 is recommended to be overlaminated with Avery Dennison DOL 2000 Series.



Face Film

70 micron glossy white polymeric vinyl



Adhesive

Removable, grey acrylic based



Backing

Two sides polyethylene coated kraft paper, 140 g/m²



Durability

7 years



Shelf Life

2 years

Recommendations

A wide variety of applications, such as durable promotional and point of sale advertising, to flat or regular surfaces.

- » Vehicle graphics (flat and slightly curved surfaces).
- » Interior & exterior signs.
- » Window decoration.
- » Indoor floormarking applications *
- » Overposting existing graphics applications

Features

Excellent printability and handling on selected printers.

- » Excellent durability and outdoor performance.
- » Excellent dimensional stability.
- » Easy and clean removal (up to 2 years).

* In combination with Avery Dennison DOL 6000/6100 structured overlaminate

Physical Characteristics

Features	Test method ¹	Results
Caliper, facefilm (micron)	ISO 534	70 micron
Caliper, facefilm + adhesive	ISO 534	120 micron
Dimensional stability	FINAT FTM 14	0.3 mm max
Adhesion, initial	FINAT FTM-1, stainless steel	150 N/m
Adhesion, ultimate	FINAT FTM-1, stainless steel	180 N/m
Flammability		Self-extinguishing
Removability		up to 2 years*
*Not when applied to: Nitrocellulose paints, ABS, Polystyrene, certain types of PVC.		
Shelf life	Stored at 22° C/50-55 % RH	2 years
Durability, unprinted	Vertical exposure	7 years
Temperature range		Results
Minimum application temperature:		+ 10 °C
Service temperature:		- 40 °C to +80 °C

NOTE: Materials have to be properly dried before further processing, for example laminating, varnishing or application. The residual solvents could change the products' specific features.

For good print and converting result we recommend to let the rolls acclimatize in the print/lamination room at least 24 before printing or converting. Too much temperature or humidity deviation between material and room climate can cause layflatness and/or printability issues.

Generally, constant material storage conditions of ideally 20°C (+/-2°C) /50% RH (+/- 5%), without too big climate deviations, will support a more robust and stable printing/converting process. For further details, please refer to TB 1.11.

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.

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1) Test methods: More information about our test methods can be found on our website.

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