

# PRODUCT DATA SHEET

## Avery Dennison<sup>®</sup> MPI 2003

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### Introduction

Avery Dennison Multi-Purpose Inkjet 2003 is a gloss white polymeric self-adhesive vinyl, recommended for use on flat or slightly curved surfaces.

### Conversion

Avery Dennison MPI 2003 is a multi-purpose vinyl, developed for use on various super wide format printers using solvent, eco-/ mild-solvent, latex and UV curable inks.

To enhance colour and protect images against UV radiation and abrasion, Avery Dennison MPI 2003 is recommended to be overlaminated with Avery Dennison DOL 2000 series laminate.

Please refer to Avery Dennison Technical Bulletin on lamination and conversion prior to use.



#### Face Film

70 micron gloss white polymeric calendered vinyl



#### Adhesive

Permanent, grey acrylic based



#### Backing

Polyethylene coated kraft paper, 140 g/m<sup>2</sup>



#### Durability

7 years



#### Shelf Life

2 years

### Recommendations

- » Large fleet graphics on flat or slightly curved surfaces
- » Architectural interior & exterior signs
- » Durable promotional and point of sale advertising
- » Window decoration (excluding block out applications)

### Features

- » Excellent printability and handling
- » Excellent durability and outdoor performance
- » Excellent dimensional stability
- » High opacity to hide substrate colour differences

## Physical Characteristics

Features	Test method <sup>1</sup>	Results
Caliper, facefilm (micron)	ISO 534	70 micron
Caliper, facefilm + adhesive (micron)	ISO 534	105 micron
Dimensional stability	FINAT FTM 14	0.3 mm max.
Adhesion, initial	FINAT FTM-1, stainless steel	540 N/m
Adhesion, ultimate	FINAT FTM-1, stainless steel	750 N/m
Flammability		Self-extinguishing
Shelf life	Stored at 23°C/50-55% RH	2 years
Durability <sup>2</sup>	Vertical exposure	7 years

## Temperature range

Features	Results
Application temperature:	≥ 10 °C
Service temperature:	-40°C to +80°

**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 24h. 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.

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.

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