

# PRODUCT DATA SHEET

## Avery Dennison<sup>®</sup> MPI™ 2000

Issued: 04/2023

### Introduction

Avery Dennison MPI 2000 is a gloss white polymeric self-adhesive vinyl, highly recommended for a wide range of applications on flat and slightly curved substrates.

### Conversion

Avery Dennison MPI 2000 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 2000 is recommended to be overlaminated with Avery Dennison DOL 2000 series.

### Recommendations

- » Vehicle graphics (flat and slightly curved surfaces)
- » Interior & exterior signs
- » Window decoration

### Features

- » Excellent printability and handling on selected printers
- » Excellent durability and outdoor performance
- » Excellent dimensional stability
- » HP Latex Certified



#### Face Film

75 micron glossy white polymeric vinyl



#### Adhesive

permanent, acrylic based



#### Backing

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



#### Durability

7 years (unprinted, vertical exposure)



#### Shelf Life

2 years

## Physical Characteristics

	Test method <sup>1</sup>	Results
<b>Product</b>		
Caliper, facefilm (micron)	ISO 534	75
Caliper, facefilm + adhesive (micron)	ISO 534	100
Dimensional stability (mm max.)	FINAT FTM 14	0.3
Shelf life (years)	Stored at 22° C/50-55 % RH	2
Durability <sup>2</sup> (years)	Unprinted, vertical exposure	7
Fire classification rating	EN13501-1	B-s1,d0
<b>Adhesive</b>		
Adhesion, initial (N/m)	FINAT FTM-1, stainless steel	540
Adhesion, after 24 hours (N/m)	FINAT FTM-1, stainless steel	750
<b>Temperature range</b>		
Application temperature (Minimum: °C)		≥ 10° C
Service temperature (°C to +°C)		- 40 °C to + 80 °C
<b>Chemical properties<sup>3</sup></b>		
Chemical resistance	Mild acids	No effect
Solvent resistance	Mild alkalis	No effect
Solvent resistance	Applied to aluminium	No effect exposed to: oils, greases, aliphatic solvents, motor oils, heptane, kerosene and JP-4 fuel.

## 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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# PRODUCT DATA SHEET

## Avery Dennison<sup>®</sup> MPI<sup>™</sup> 2001

Issued: 04/2023

### Introduction

Avery Dennison MPI 2001 is a gloss white polymeric self-adhesive vinyl. Because of the film's excellent dimensional stability during use and excellent removability, Avery Dennison MPI 2001 is highly recommended for a wide range of applications on flat and slightly curved substrates requiring easy and clean removal.

### Conversion

Avery Dennison MPI 2001 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 2001 is recommended to be overlaminated with Avery Dennison DOL 2000 series laminate.



#### Face Film

75 micron glossy white polymeric vinyl



#### Adhesive

Removable, acrylic based



#### Backing

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



#### 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, requiring clean and easy removal.

- » Vehicle graphics (flat and slightly curved surfaces)
- » Interior & exterior signs
- » Window decoration
- » Indoor floormarking 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)
- » HP Latex Certified

\* in combination with Avery Dennison DOL 5900/6000 structured overlaminate

## Physical Characteristics

	Test method <sup>1</sup>	Results
<b>Product</b>		
Caliper, facefilm (micron)	ISO 534	75
Caliper, facefilm + adhesive (micron)	ISO 534	100
Dimensional stability (mm max.)	FINAT FTM 14	0.3
Shelf life (years)	Stored at 22° C/50-55 % RH	2
Durability <sup>2</sup> (years)	Vertical exposure	7
Fire Classification Rating	EN 13501-1	B-s1, d0
<b>Adhesive</b>		
Adhesion, initial (N/m)	FINAT FTM-1, stainless steel	150
Adhesion, after 24 hours (N/m)	FINAT FTM-1, stainless steel	180
<b>Temperature range</b>		
Application temperature (min °C)		10
Service temperature (°C to +°C)		-40 - +80
<b>Chemical properties<sup>3</sup></b>		
Chemical resistance	Mild acids	No effect
Solvent resistance	Mild alkalis	No effect
Solvent resistance	Applied to aluminium	No effect exposed to: oils, greases, aliphatic solvents, motor oils, heptane, kerosene and JP-4 fuel.

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