

PRODUCT DATA SHEET

Avery Dennison[®] MPI[™] 2000

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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

80 micron glossy white polymeric vinyl



Adhesive

permanent, acrylic based



Backing

two sides polyethylene coated kraft paper, 140 g/m²



Durability

7 years (unprinted, vertical exposure)



Shelf Life

2 years

Physical Characteristics

	Test method ¹	Results
Product		
Caliper, facefilm (micron)	ISO 534	80
Caliper, facefilm + adhesive (micron)	ISO 534	120
Dimensional stability (mm max.)	FINAT FTM 14	0.3
Shelf life (years)	Stored at 22° C/50-55 % RH	2
Durability ² (years)	Unprinted, vertical exposure	7
Fire classification rating	EN13501-1	B-s1,d0

Adhesive

Adhesion, initial (N/m)	FINAT FTM-1, stainless steel	540
Adhesion, after 24 hours (N/m)	FINAT FTM-1, stainless steel	750

Temperature range

Application temperature (Minimum: °C)	≥ 10° C
Service temperature (°C to +°C)	- 40 °C to + 80 °C

Chemical properties³

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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