

PRODUCT DATA SHEET

Avery Dennison[®] MPI[™] 2020

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Introduction

Avery Dennison MPI 2020 is a matte white polymeric self-adhesive vinyl. It is suitable for use on a variety of super wide format inkjet and airbrush printers using solvent ink.

Avery Dennison MPI 2020 is highly recommended for a wide range of applications on flat and slightly curved substrates.

Conversion

Avery Dennison MPI 2020 is a multi-purpose vinyl, developed for use on various super wide format printers using solvent inks.

To enhance colour and protect images against UV radiation and abrasion, Avery Dennison MPI 2020 is recommended to be overlaminated with Avery Dennison DOL 1000 Series or Avery Dennison DOL 2000 Series.



Face Film

80 micron matte white polymeric vinyl



Adhesive

Permanent acrylic



Backing

Two sides polyethylene coated kraft paper, 140g/m²



Durability

5 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.

Features

- » Excellent printability and handling on selected printers.
- » Excellent durability and outdoor performance.
- » Excellent dimensional stability.

Physical Characteristics

Features	Test method ¹	Results
Caliper, facefilm	ISO 534	80 micron
Caliper, facefilm + adhesive	ISO 534	120 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	720 N/m
Flammability		Self extinguishing
Shelf life	Stored at 22° C/50-55 % RH	2 years
Durability, unprinted	Vertical exposure	5 years

Temperature range

Features	Results
Minimum application temperature:	≤ 10° C
Temperature range:	- 40 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.

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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