

## PRODUCT DATA SHEET



# Avery® MPI™ 2003

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### Introduction

Avery **Multi-Purpose Inkjet** vinyl 2003 is a gloss white polymeric self-adhesive vinyl. It is suitable for use on a variety of super wide format inkjet and printers using solvent inks (hard, eco/mild, low) or UV curable inks.

Because of the film's easy positionable adhesive and excellent dimensional stability during use, Avery MPI 2003 is recommended for use on flat or slightly curved surfaces.

### Description

Film : 80 micron gloss white polymeric vinyl  
Adhesive : permanent, repositionable, grey acrylic based  
Backingpaper : two sides polyethylene coated kraft paper, 140 g/m<sup>2</sup>

### Conversion

Avery MPI 2003 is a multi-purpose vinyl, developed for use on various super wide format printers using solvent or UV curable inks.

To enhance colour and protect images against UV radiation and abrasion, Avery MPI 2003 is recommended to be overlaminated with Avery® DOL 2000 series laminate  
Check Avery Technical Bulletin on lamination and conversion prior to use.

### Uses

- Vehicle or fleet graphics (flat and slightly curved).
- Interior & exterior signs.
- Window decoration.
- Durable promotional and point of sale advertising.

### Features

- Comfortable application as result of repositionable adhesive.
- Excellent printability and handling.
- Excellent durability and outdoor performance.
- Excellent dimensional stability.
- High opacity to hide substrate colour differences.



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## PRODUCT CHARACTERISTICS

Avery® MPI™ 2003

### Physical properties

Features	Test method <sup>1</sup>	Results
Caliper, facefilm	ISO 534	80 micron
Caliper, facefilm + adhesive	ISO 534	120 micron
Dimensional stability	DIN 30646	0,3 mm max.
Adhesion, initial	FINAT FTM-1, stainless steel	500 N/m
Adhesion, ultimate	FINAT FTM-1, stainless steel	600 N/m
Accelerated ageing	DIN 53387	No negative impact on film performance
Flammability	100 hours exposure	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
Service temperature:	- 40 °C to + 80 °C

#### Important

Information on physical and chemical characteristics is based upon tests we believe to be reliable. The values listed herein are typical values and are not for use in specifications. 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 these Conditions, the English version shall be controlling.

#### Warranty

Avery® branded materials are manufactured under careful quality control and are warranted to be free from defect in material and workmanship. Any material shown to our satisfaction to be defective at the time of sale will be replaced without charge. Our aggregate liability to the purchaser shall in no circumstances exceed the cost of the defective materials supplied. No salesman, representative or agent is authorised to give any guarantee, warranty, or make any representation contrary to the foregoing.

All Avery® branded materials are sold subject to the above conditions, being part of our standard conditions of sale, a copy of which is available on request.

#### 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.



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