

PRODUCT DATA SHEETInspired Brands.
Intelligent World.™**Avery® MPI™ 2000**

Issued: 03-01-2012

Introduction

Avery MPI 2000 is a gloss 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 MPI 2000 is highly recommended for a wide range of applications on flat and slightly curved substrates.

Description

Film : 80 micron glossy white polymeric vinyl
Adhesive : **permanent**, acrylic based
Backingpaper : two sides polyethylene coated kraft paper, 140 g/m²

Conversion

Avery MPI 2000 is a multi-purpose vinyl, developed for use on various super wide format printers using solvent inks.

In Avery Technical Bulletin 5.15, printer compatibility details of Avery MPI media are listed.

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

Uses

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.

www.averygraphics.com**Graphics and Reflective Solutions**

Rijndijk 86, P.O. Box 118
2394 ZG Hazerswoude – The Netherlands
Tel +31 71 3421500 – Fax +31 71 3421538

PRODUCT CHARACTERISTICS
Avery® MPI™ 2000
Physical properties
Features

Caliper, facefilm
 Caliper, facefilm + adhesive
 Dimensional stability
 Adhesion, initial
 Adhesion, ultimate
 Accelerated ageing

Test method¹

ISO 534
 ISO 534
 DIN 30646
 FINAT FTM-1, stainless steel
 FINAT FTM-1, stainless steel
 DIN 53387
 100 hours exposure

Results

80 micron
 120 micron
 0,3 mm max.
 540 N/m
 750 N/m
 No negative impact on film performance
 Self-extinguishing

Flammability

Shelf life
 Durability, unprinted

Stored at 22 °C/50-55 % RH
 Vertical exposure

2 years
 7 years

Temperature range
Features

Minimum application temperature:
 Service temperature:

Results

+10 °C
 - 40 °C to + 80 °C

NOTE: Materials have to be properly dried before further processing, like laminating, varnishing or application. The residual solvents can otherwise change the products' specific features.

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.

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.



www.averygraphics.com

Graphics and Reflective Solutions

Rijndijk 86, P.O. Box 118
 2394 ZG Hazerswoude – The Netherlands
 Tel +31 71 3421500 – Fax +31 71 3421538