

PRODUCT DATA SHEET



Avery® MPI™ 2005 Easy Apply

issued: 12/12/2004

Introduction

Avery Multi Purpose Inkjet vinyl 2005 Easy Apply is a high quality calendered film designed for use in fleet marking and corporate identification applications providing enhanced ease-of-use during application. Entrapped air can easily be rubbed out without the need to punch the vinyl film. The easy-to-apply feature offers the benefits of faster application of decals and graphics. Avery MPI 2005 Easy Apply is recommended for use on flat or slightly curved surfaces.

It is suitable for use on a variety of super wide format inkjet printers using solvent inks.

Description

Facefilm : 80 micron gloss calendered vinyl
Adhesive : permanent, grey, low tack, positionable, acrylic based adhesive
Backing paper : Staflat liner

Conversion

Avery MPI 2005 Easy Apply is a multi-purpose vinyl, developed for use on various super wide format inkjet printers using solvent inks.

Avery MPI-A 2005 Easy Apply rolls are reverse wound on a special core with 4 notches.

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 2005 Easy Apply is recommended to be protected using an overlamine or varnish.

For recommended combinations of DOL films and media, please refer to "Technical Bulletin 5.3. Recommended combinations of Avery® Overlaminates and Avery® Digital Print Media".

Do NOT use wet application methods for Avery Easy Apply products

Features

- Excellent application characteristics: positionable adhesive that allows easy removal of entrapped air.
- Slow adhesion built up allows corrections during application.
- Time saving due to ease of application described above.
- High opacity to hide substrate colour differences.
- Excellent printability and handling on selected printers.
- Excellent dimensional stability during use.
- Excellent outdoor durability, humidity and saltspray resistance.
- Excellent removability after the completion of the period of use.

Recommendations for use

- Large fleet graphics on flat or slightly curved surfaces.
- Corporate identity graphics and logos.
- Interior & exterior signs.
- Window decoration.
- Durable advertising, requiring clean removal after the intended period of use.

Patented under U.S. Patent 6,630,049



www.averygraphics.com

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

PRODUCT CHARACTERISTICS

Avery MPI 2005 Easy Apply

Physical properties

Features	Test method ¹	Results
Caliper, facefilm	ISO 534	80 micron
Caliper, facefilm + adhesive	ISO 534	120 micron
Gloss	ISO 2813, 20°	50 %
Dimensional stability	DIN 30646	0.3 mm. max
Tensile strength	DIN 53455	28 N/mm ²
Elongation	DIN 53455	100 %
Adhesion, initial	FINAT FTM-1, stainless steel	450 N/m
Adhesion, after 24 hours	FINAT FTM-1, stainless steel	550 N/m
Adhesion, after 1 week	FINAT FTM-1, stainless steel	600 N/m
Shelf life	Stored at 22° C/50-55 % RH	1 year
Durability ²	Vertical exposure	5 years

Temperature range

Features	Results
Application temperature	Minimum: 10° C
Service temperature	-45° to +80° C

Chemical properties

Features	Test method ¹	Results
Humidity resistance	120 hours exposure	No effect
Corrosion resistance	120 hours exposure	No contribution to corrosion
Water resistance	48 hours immersion	No effect
Chemical resistance	Mild acids	No effect
	Mild alkalis	No effect
Solvent resistance	Applied to aluminium and	No effect exposed to: oils, greases, aliphatic solvents, motor oils, heptane, kerosene and JP-4 fuel.

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