

PRODUCT DATA SHEET

Avery Dennison[®] MPI 3006 / 3026 HOP Hi-Tack

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Introduction

Avery Dennison Multi Purpose Inkjet HOP Hi-Tack film are gloss and matt white, self-adhesive monomeric calendered vinyls, suitable for promotional short term applications on slightly structured and apolar substrates.

Conversion

MPI 3006 and 3026 HOP Hi-Tack films are multi-purpose vinyls, suitable for a variety of wide format inkjet printers using hard solvent, eco/mild solvent, UV-curing or latex inks. To enhance colour and to protect images against UV radiation and abrasion, it is recommended to protect the films using an overlamine or varnish.

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

Recommendations

- » Indoor promotional applications i.e. interior walls
- » Short term outdoor applications with slightly structured surfaces
- » Short term outdoor applications on apolar substrates such as polyethylene, polypropylene

Features

- » Excellent printability and handling on selected printers
- » Easy cutting and application on a wide variety of substrates
- » Suitability for applications with slightly structured surfaces and apolar substrates
- » High Opacity film properties for superior hiding power and over posting applications



Face Film

MPI 3006 - 95 micron gloss white HOP monomeric calendered vinyl

MPI 3026 - 95 micron matt white HOP monomeric calendered vinyl



Adhesive

Special permanent acrylic adhesive for slightly structured surfaces, as well as apolar substrates such as polyethylene, polypropylene



Backing

Clay coated kraft paper, 125 g/m²



Durability

3 years



Shelf Life

2 years

Physical Characteristics

	Test method ¹	Results
Product		
Caliper, facefilm (micron)	ISO 534	95
Caliper, facefilm + adhesive (micron)	ISO 534	115
Dimensional stability (mm max.)	FINAT FTM 14	0.8
Shelf life (years)	Stored at 22° C/50-55 % RH	2
Durability ² (years)	Vertical exposure	3
Fire Classification Rating	EN13501-1	B-s1,d0
Adhesive		
Adhesion, initial (N/m)	FINAT FTM-1, HDPE	MPI 3026 HOP 350
		MPI 3006 HOP 490
Adhesion, after 24 hours (N/m)	FINAT FTM-1, HDPE	MPI 3026 HOP 500
		MPI 3006 HOP 540
Adhesion, initial (N/m)	FINAT FTM-1, stainless steel	MPI 3026 HOP 400
		MPI 3006 HOP 540
Adhesion, after 24 hours (N/m)	FINAT FTM-1, stainless steel	MPI 3026 HOP 900
		MPI 3006 HOP 630
Opacity % (min.)		99
Temperature range		
Application temperature (Minimum: °C)		0
Service temperature (°C to +°C)		-20 - +70
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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