

PRODUCT DATA SHEET

Avery Dennison® MPI™ 8024 Wall Film EA Hi-Tack

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Introduction

Avery Dennison Multi Purpose Inkjet vinyl 8024 Wall Film EA Hi-Tack is a matte premium calendered film designed for use in demanding applications, including indoor wall graphics, plastics, powder coat paints, fiberglass, clear coats and painted metal surfaces.

Description

Film : 90 micron premium high performance calendered film
Adhesive : Special permanent clear acrylic adhesive for flat and slightly structured surfaces
Backing paper : Two sided PE coated Stafplat™ paper

Conversion

Avery Dennison MPI 8024 Wall Film EA Hi-Tack is a multi-purpose vinyl, developed for use on various super wide format printers using solvent, Eco/mild solvent, Latex and UV curable inks.

To enhance colour and protect images against UV radiation and abrasion, Avery Dennison MPI 8024 EA Hi-Tack is recommended to be overlaminated with Avery Dennison® DOL 2000 series.

Uses

- Internal wall murals and wall decorations
- Indoor advertizing
- Retail wall graphics
- Wall decorations
- Exhibition wall graphics

Features

- Premium calendered film with excellent printability across a wide range of technology and inks
- High performance Hi-tack adhesive for difficult substrates
- Dimensionally stable liner for easy converting
- Easy Apply technology enables fast and easy application

Consult Avery Dennison Technical Bulletin 5.8 for details of applying MPI 8024 Wall Film EA Hi-tack.

RODUCT CHARACTERISTICS Avery Dennison® MPI™ 8024 Wall Film EA Hi-Tack

Physical properties

Features

Features	Test method ¹	Results
Caliper, facefilm	ISO 534	90 micron
Opacity	ISO 2471	≥ 98.7%
Dimensional stability	FINAT FTM 14	≤ 1.0 mm
Adhesion, initial	FINAT FTM-1, stainless steel	680 N/m
Adhesion, ultimate	FINAT FTM-1, stainless steel	840 N/m
Flammability		Self extinguishing
Shelf life	Stored at 22° C/50-55 % RH	2 years
Durability, unprinted (indoor)	Vertical exposure	4 years

Temperature range

Features

Features	Results
Minimum application temperature:	≥ 4° C
Temperature range:	- 40 to +82 °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 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 Dennison® 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 Dennison® 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.