

PRODUCT DATA SHEET

Avery Dennison® MPI 8520 Wall Paper

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Introduction

Avery Dennison Multi Purpose Inkjet 8520 Wall Paper is a reinforced, high quality paper that inspires creative wall art. This eco-friendly solution brings a smooth and silky touch to premium, luxury decoration, and Forest Stewardship Council® (FSC®) certification makes it a responsible and renewable choice.

Description

Film: MPI 8520 Wall Paper, 290 microns.

Adhesive: Tackified acrylic emulsion adhesive.

Backing: Kraft paper, 140 g/m2.

Conversion

Avery Dennison Multi Purpose Inkjet MPI 8520 Wall Paper is a multi-purpose paper product, developed for use on various super wide format printers using Latex and UV curable inks.

As the material has a high calliper, it is important to validate before printing, whether the printer can handle the rolls. To achieve the best possible print quality, please make sure the correct ICC Profile and printer settings are used.

For additional information related to wall application, please refer to Avery Dennison Technical Bulletin 5.8. In order to avoid undesired performance of the product in application, it is inevitable to make the correct product choice for the respective application. Before starting a project it is always recommended to do a pilot application to ensure satisfactory product performance before a full roll out of the project. In case of uncertainty you may always reach out to your Avery Dennison contact for further help or recommendations.

Uses

- Interior decoration
- Indoor advertising
- Retail wall graphics
- Wall decorations
- Exhibition wall graphics

Features

- FSC® certified
- PVC free
- Eco-friendly solution with an emulsion semi-permanent adhesive
- Quick and easy application, with no primer needed
- New exclusive design opportunities using digitally printable paper
- Smooth and silky touch for premium luxury application
- Additional film body that enhances ease of application
- Suitable for smooth walls

Physical properties

Features	Test method¹	Results
Caliper, facefilm	ISO 534	290 micron
Caliper, facefilm+ adhesive	ISO 534	305 micron
Dimensional stability	FINAT FTM 14	≤0.4 mm
<i>Note: Ink loads in excess of 250% may cause increased shrinkage of the printed film</i>		
Adhesion, initial	FINAT FTM-1, stainless steel	324 N/m
Adhesion, ultimate	FINAT FTM-1, stainless steel	368 N/m
Flammability		Self-extinguishing
Shelf life	Stored at 23°C/50-55% RH	2 years
Durability ²	Vertical exposure	4 years

Temperature range

Features	Results
Application temperature:	≥ 10 °C
Service temperature:	-40°C to +80°

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 24h 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

All Avery Dennison statements, technical information and recommendations are based on tests believed to be reliable but do not constitute a guarantee or warranty. All Avery Dennison products are sold with the understanding that purchaser has independently determined the suitability of such products for its purposes.

All Avery Dennison's products are sold subject to Avery Dennison's general terms and conditions of sale, see <http://terms.europe.averydennison.com>

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, for non-static applications (vehicles). Actual performance life will depend on substrate preparation, exposure conditions and maintenance of the marking. For instance, in the case of static signs facing south, west, or southwest, in areas of long high temperature exposure such as southern European countries; in industrially polluted areas or high altitudes, exterior performance will be decreased.