

PRODUCT DATA SHEET

Avery Dennison® MPI 8520 Wall Paper Oak Avery Dennison® MPI 8520 Wall Paper Rhino

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Introduction

Avery Dennison Multi Purpose Inkjet 8520 Wall Paper Oak/Rhino is a reinforced, high quality textured paper that inspires creative wall art. This eco-friendly solution brings new rugged textures for premium, luxury wall decoration, and Forest Stewardship Council® (FSC® Mix Credit, chain-of-custody number: CU-COC-807907, Licence Code: C004451) certification means that materials used for this product have been responsibly sourced.

Description

Film: MPI 8520 Wall Paper Oak 240 microns, Rhino 180 microns.

Adhesive: Tackified acrylic emulsion adhesive.

Backing: Kraft paper, 130 g/m2.

Conversion

Avery Dennison Multi Purpose Inkjet MPI 8520 Wall Paper Oak/Rhino is a multi-purpose paper product, developed for use on various super wide format printers using eco-solvent, solvent, 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
- Eco-friendly solution with a solvent-free permanent adhesive
- Quick and easy application, with no primer needed
- New exclusive design opportunities using digitally printable paper
- Textured film for premium luxury application with a rugged touch
- Additional film body that enhances ease of application
- Suitable for smooth walls



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PRODUCT CHARACTERISTICS

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Physical properties

Features	Test method ¹	Results
Caliper, facefilm Oak Rhino	ISO 534 ISO 534	240 micron 180 micron
Dimensional stability <i>Note: Ink loads in excess of 250% may cause increased shrinkage of the printed film</i>	FINAT FTM 14	≤0.3 mm
Adhesion, initial	FINAT FTM-1, stainless steel	760 N/m
Adhesion, ultimate	FINAT FTM-1, stainless steel	840 N/m
Flammability	EN 13501-1	B-s1,d0
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 results we recommend letting 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 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.

Disclaimer and warranty

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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.