

PRODUCT DATA SHEET

Avery Dennison® MPI 8826 Wall Film Textile Hi-tack

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Introduction

Avery Dennison Multi Purpose Inkjet 8826 Wall Film Textile Hi-Tack is a smooth, flexible textile film specifically designed for wall covering and wall art graphics applications. The material is suitable for all digital printing technologies: solvent, eco-solvent, latex and UV. A high-tack adhesive makes the film a good match for many different surfaces, including challenging low surface energy substrates. MPI 8826 Wall Film Textile Hi-Tack is an excellent choice for hospitals, sporting arenas, hotels and any contract wall covering.

Description

Film: MPI 8826 Wall Film Textile 254 micron textile film.

Adhesive: Permanent, grey, acrylic based designed for low energy and difficult to adhere substrates.

Backing: One side polyethylene coated kraft paper, 143 g/m2.

Conversion

Avery Dennison Multi Purpose Inkjet MPI 8826 Wall Film Textile is a multi-purpose textile product, developed for use on various super wide format printers using Latex, solvent, Eco/mild solvent 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

- PVC free
- New exclusive design opportunities using digitally printable textile film
- Hi-Tack adhesive suitable for difficult to adhere surfaces
- Additional film body that enhances ease of application
- High opacity to fully cover eventual imperfections of the substrate
- Premium film with excellent printability across a wide range of technologies and inks
- Suitable for smooth walls

Physical properties

Features	Test method¹	Results
Caliper, facefilm	ISO 534	254 micron
Caliper, facefilm+ adhesive	ISO 534	294 micron
Dimensional stability	FINAT FTM 14	0 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	470 N/m
Adhesion, ultimate	FINAT FTM-1, stainless steel	560 N/m
Adhesion, initial	FINAT FTM-1, HDPE	400 N/m
Adhesion, ultimate	FINAT FTM-1, HDPE	420 N/m
Opacity	X-rite SP64	>99%
Flammability		Self-extinguishing
Shelf life	Stored at 23 ⁰ C/50-55% RH	1 year
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.