

PRODUCT DATA SHEET

Avery Dennison[®] MPI 8520 Wall Paper

Issued: 03/2021

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.

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.

Recommendations

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

Features

- FSC[®] certified (Licence code: FSC-C004451)
- 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



Face Film

MPI 8520 Wall Paper, 147 g/m2



Adhesive

Tackified acrylic emulsion adhesive



Backing

Kraft paper, 140 g/m2



Durability

4 years (unprinted, vertical exposure)



Shelf Life

2 years

- Additional film body that enhances ease of application
- Suitable for smooth walls



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Solutions

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Physical Characteristics

| | Test method ¹ | Results |
|---|------------------------------|---|
| Product | | |
| Caliper, facefilm (micron) | ISO 534 | 290 |
| Caliper, facefilm + adhesive (micron) | ISO 534 | 305 |
| Dimensional stability (mm max.) | FINAT FTM 14 | ≤0.4 mm |
| Note: Ink loads in excess of 250% may cause increased shrinkage of the printed film | | |
| Shelf life (years) | Stored at 22° C/50-55 % RH | 2 years |
| Durability ² (years) | Unprinted, vertical exposure | 4 years |
| Fire Certification | EN 13501-1 | B,s1-d0 |
| Adhesive | | |
| Adhesion, initial (N/m) | FINAT FTM-1, stainless steel | 324 |
| Adhesion, after 24 hours (N/m) | FINAT FTM-1, stainless steel | 368 |
| Temperature range | | |
| Application temperature (Minimum: °C) | | ≥ 10 °C |
| Service temperature (°C to +°C) | | -40°C to +80° |
| 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. |

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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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PRODUCT DATA SHEET

Avery Dennison[®] MPI[™] 8621 Wall Film

Issued: 03/2021

Introduction

Avery Dennison Multi Purpose Inkjet vinyl 8621 Wall Film is a satin white calendered vinyl film designed for wall graphic applications with excellent dimensional stability after application, good removability on selected substrates (up to 1 year) and excellent print quality.

Conversion

Avery Dennison MPI 8621 is a multi-purpose vinyl, developed for use on various super wide format printers using solvent, Eco/mild solvent, Latex and UV curable inks.

As the material has a high caliper, 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. Consult Avery Dennison Technical Bulletin 5.8 for details of applying MPI 8621 Wall Film.



Face Film

152 micron satin white calendered vinyl film



Adhesive

Clear acrylic removable adhesive



Backing

Two sided coated Staflat[™] paper



Durability

4 years, indoors



Shelf Life

2 years

Recommendations

- » Internal wall graphics
- » Retail wall graphics
- » Wall decorations
- » Exhibition wall graphics
- » Internal window graphics
- » Indoor advertising

Features

- » Thick facefilm provides stability and reduces application time
- » Easy and good removability with heat (up to 1 year) from smooth sound paint
- » Two sided coated StaFlat[™] liner provides easy converting properties
- » Premium film with excellent printability across a wide range of technology and inks
- » Suitable for most walls, tested and recommended for use over many kinds of paints including high gloss, semi-gloss and satin paints
- » Superior adhesive technology that meets the demanding requirements of most wall surfaces

Physical Characteristics

| | Test method ¹ | Results |
|--|------------------------------|---|
| Product | | |
| Caliper, facefilm (micron) | ISO 534 | 152 |
| Caliper, facefilm + adhesive (micron) | ISO 534 | 170 |
| Dimensional stability (mm max.) | FINAT FTM 14 | 1 |
| Shelf life (years) | Stored at 22° C/50-55 % RH | 2 |
| Durability ² (years), indoors | Vertical exposure | 4 |
| Fire Classification Rating | EN 13501-1 | B-s2, d0 |
| Adhesive | | |
| Adhesion, initial (N/m) | FINAT FTM-1, stainless steel | 85 |
| Adhesion, after 24 hours (N/m) | FINAT FTM-1, stainless steel | 200 |
| Temperature range | | |
| Application temperature (min °C) | | 10 |
| Service temperature (°C to +°C) | | -40 - +80 |
| 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. |

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3) Prolonged immersion in gasoline and similar fluids is not recommended.

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PRODUCT DATA SHEET

Avery Dennison[®] MPI[™] 8726 Wall Film Canvas Hi-tack + Stone Hi-tack + Stucco Hi-tack

Issued: 03/2021

Introduction

Avery Dennison Multi Purpose Inkjet vinyl 8726 Textured Wall Film series is a tough, scuff-resistant, flexible, white premium calendered vinyl film series designed specifically for wall graphic applications. It comes with a choice of three different textures: Canvas, Stone and Stucco finish.

Conversion

Avery Dennison Multi Purpose Inkjet vinyl MPI 8726 Wall Film series is a multi-purpose vinyl series, 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 caliper, 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.

Recommendations

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

Features

- New design opportunities using digitally printable textured film
- Hi-tack adhesive providing reliable performance on the difficult surfaces, including walls
- Additional body of film provides optimal opacity and enables ease of application
- High opacity to fully covering whatever is underneath
- Premium film with excellent printability across a wide range of technology and inks
- Suitable for most walls, tested and recommended for use on treated wood, latex painted, plastered and concrete walls

Consult Avery Dennison Technical Bulletin 5.8 for details of applying MPI 8726 Wall Film series.



Face Film

MPI 8726 Canvas/Stucco 152 micron low gloss premium calendered vinyl

MPI 8726 Stone 203 micron low gloss premium calendered vinyl



Adhesive

Special permanent clear acrylic adhesive for flat and slightly structured surfaces



Backing

Two sided coated Staflat[™] paper



Durability

4 years (unprinted (indoor), vertical exposure)



Shelf Life

1 year

Physical Characteristics

| | Test method ¹ | Results |
|--|------------------------------|---|
| Product | | |
| Caliper, facefilm (micron) | ISO 534 | 152 (Canvas/Stucco) 203 (Stone) |
| Opacity | ISO 2471 | ≥98.7% |
| Dimensional stability (mm max.) | FINAT FTM 14 | ≤1.0 mm |
| <i>Note: Ink loads in excess of 250% may cause increased shrinkage of the printed film</i> | | |
| Shelf life (years) | Stored at 22° C/50-55 % RH | 1 year |
| Durability ² (years) | Unprinted, vertical exposure | 4 years |
| Fire Classification Rating | EN 13501-1 | B-s1,d0 |
| Adhesive | | |
| Adhesion, initial (N/m) | FINAT FTM-1, stainless steel | 560 |
| Adhesion, after 24 hours (N/m) | FINAT FTM-1, stainless steel | 600 |
| Adhesion, initial (N/m) | FINAT FTM-1, HDPE | 600 |
| Adhesion, after 24 hours (N/m) | FINAT FTM-1, HDPE | 640 |
| Temperature range | | |
| Application temperature (Minimum: °C) | | ≥10 °C |
| Service temperature (°C to +°C) | | - 40 °C to + 80 °C |
| 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. |

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PRODUCT DATA SHEET

Avery Dennison[®] MPI[™] 8826 Wall Film Textile Hi-Tack

Issued: 02/2021

Introduction

Avery Dennison Multi Purpose Inkjet 8826 Wall Film Textile Hi-Tack is a flexible textile film with a canvas finish 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.

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.



Face Film

Textile 254 g/m² PET film



Adhesive

Permanent, hi-tack, grey, acrylic based designed for low energy and difficult to adhere substrates



Backing

One side coated kraft paper 143 g/m²



Durability

4 years



Shelf Life

1 year

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.

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Recommendations

- » 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 Characteristics

| | Test method ¹ | Results |
|---|------------------------------|---|
| Product | | |
| Caliper, facefilm (micron) | ISO 534 | 254 |
| Caliper, facefilm + adhesive (micron) | ISO 534 | 294 |
| Opcacity (min %) | ISO 2471 | 99 |
| Dimensional stability (mm max.) | FINAT FTM 14 | 0 |
| Shelf life (years) | Stored at 22° C/50-55 % RH | 1 |
| Durability ² (years), indoors only | Vertical exposure | 4 |
| Fire Classification Rating | EN 13501-1 | C-s1, d0 |
| Adhesive | | |
| Adhesion, initial (N/m) | FINAT FTM-1, stainless steel | 470 |
| Adhesion, after 24 hours (N/m) | FINAT FTM-1, stainless steel | 560 |
| Adhesion, initial (N/m) | FINAT FTM-1, HDPE | 400 |
| Adhesion, after 24 hours (N/m) | FINAT FTM-1, HDPE | 420 |
| Temperature range | | |
| Application temperature (min °C) | | 10 |
| Service temperature (°C to +°C) | | -40 - +80 |
| 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. |

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