

# PRODUCT DATA SHEET

## Avery Dennison® MPI™ 8621 Wall Film

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### 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.

### Description

Film : 152 micron satin white calendered vinyl film  
Adhesive : Clear acrylic removable adhesive  
Backing paper : Two sided PE coated Staflat™ paper

### 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.

### Uses

- 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 PE 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.

Consult Avery Dennison Technical Bulletin 5.8 for details of applying MPI 8621 Wall Film.

## PRODUCT CHARACTERISTICS

## Avery Dennison® MPI™ 8621 Wall Film

### Physical properties

#### Features

Caliper, facefilm  
Opacity  
Dimensional stability  
Adhesion, initial  
Adhesion, ultimate  
Flammability  
Shelf life  
Removability  
Durability, unprinted (indoor)

#### Test method

ISO 534  
ISO 2471  
FINAT FTM 14  
FINAT FTM-1, stainless steel  
FINAT FTM-1, stainless steel  
Stored at 22° C/50-55 % RH  
Vertical exposure

#### Results

152 micron  
≥ 98.7%  
≤ 1 mm  
85 N/m  
200 N/m  
Self extinguishing  
2 years  
up to 1 year\*  
4 years  
\* On selected substrates

### Temperature range

#### Features

Minimum application temperature:  
Temperature range:

#### Results

≥ 4° C  
- 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.