

# PRODUCT DATA SHEET

## Avery Dennison<sup>®</sup> MPI<sup>™</sup> 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.

### 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<sup>™</sup> 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<sup>™</sup> 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 <sup>1</sup>	Results
<b>Product</b>		
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 <sup>2</sup> (years), indoors	Vertical exposure	4
Fire Classification Rating	EN 13501-1	B-s2, d0
<b>Adhesive</b>		
Adhesion, initial (N/m)	FINAT FTM-1, stainless steel	85
Adhesion, after 24 hours (N/m)	FINAT FTM-1, stainless steel	200
<b>Temperature range</b>		
Application temperature (min °C)		10
Service temperature (°C to +°C)		-40 - +80
<b>Chemical properties<sup>3</sup></b>		
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.

## 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.

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.

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

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