

# PRODUCT DATA SHEET

## Avery Dennison® Metallized Vinyl Films -Metallized Gold / Silver Films -Brushed Gold / Silver Films

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### Introduction

Avery Dennison® Metallized Vinyl Films are top-coated metallized vinyl films coated with a permanent pressure-sensitive adhesive designed to give the appearance of a brushed chrome or gold material or alternatively mirror-like gold and silver film finish.



#### Face Film

65 micron metallized vinyl film



#### Adhesive

permanent, acrylic based

### Conversion

Avery Dennison® Metallized Vinyl Films offers excellent cutting and weeding performance on a wide range of computer signmaking equipment in all popular sizes.

Avery Dennison® Metallized Vinyl Films can be thermal transfer printed, screen printed or digital printed.

However, digital printing is not warranted, since the products do not permit profiling due to their nature. Settings may vary from one printer or ink system to another.



#### Backing

one side coated white kraft paper, 125 g/m<sup>2</sup>



#### Durability

5 years



#### Shelf Life

1 year

### Recommendations

Avery Dennison® Metallized Vinyl Films can generally be used for lettering and decorations on flat to slightly curved surfaces.

- » Vehicle graphics
- » Functional lettering and numbering
- » Retail signage
- » General decorations

### Features

- » Excellent performance on flat and simply curved surfaces
- » Excellent layflatness and stability during cutting and weeding
- » Medium term durability and outdoor performance
- » Excellent dimensional stability during use and application

## Physical Characteristics

Features	Test method <sup>1</sup>	Results
Caliper, facefilm (micron)	ISO 534	65
Caliper, facefilm + adhesive (micron)	ISO 534	90
Dimensional stability (mm max.)	FINAT FTM 14	0.25
Flammability		self-extinguishing
Shelf life (years)	Stored at 22° C/50-55 % RH	1
Durability <sup>2</sup> (years)	Vertical exposure	5
Adhesion, initial (N/m)	FINAT FTM-1, stainless steel	450 N/m
Adhesion, after 24 hours (N/m)	FINAT FTM-1, stainless steel	540 N/m

### Temperature range

Application temperature (Minimum: °C)	Minimum: +16° C
Service temperature (°C to +°C)	-20° to + 75° C

### Chemical properties<sup>3</sup>

Humidity resistance	200 hours exposure	No effect
Corrosion resistance	120 hours exposure	No contribution to corrosion
Water resistance	48 hours immersion	No effect

## 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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