

# Product Data Sheet

## Avery Dennison® 500 Event Film Series

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### Introduction

Avery Dennison 500 Event Film Serie range is ideal for directional signage, promotional displays, exhibition stand graphics and short term indoor and outdoor applications.

The films are available in gloss with a permanent adhesive and in matt with permanent or semi-permanent adhesive.

### Conversion

Avery Dennison 500 Event Film Serie is developed for signcutting purposes with excellent cutting properties on a wide range of computerised signmaking equipment. The matrix can easily be weeded after cutting. Avery Dennison 500 Event Films are thermal transfer printable, other digital printing techniques are not recommended.



#### Face Film

70 µm, monomerically plasticised vinyl



#### Adhesive

permanent and semi-permanent, acrylic based



#### Backing paper

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



#### Durability

5 years (vertical exposure)



#### Shelf life

Up to 2 years  
(stored at 22°C and 50-55% RH)

### Recommendations for use

- Interior sign and display panel applications.
- Exhibition stand graphics and interior architectural signs.
- Short term outdoor markings and advertising, if matt finish is needed.
- Short term promotional displays.

### Features

- Increased reflection opacity of Event Film white, yellow, orange and blue.
- Excellent conversion properties for computerised signmaking.
- Excellent removability of the semi-permanent adhesive from many substrates (up to 1 year)\*.
- Extensive colour range with 47 matching colours in the Event Film Matt as well as in the Event Film Gloss series – all REACH compliant.
- Blue contrast backing paper on Event Film Matt white and Event Film Gloss white for ease of conversion.
- New liner imprint design with square pattern to support manual conversion.
- Good dimensional stability
- Fire certification EN13501-1+A1:2013, B-s1, d0

Note: Do not overlay monomeric plasticised films; migration of components might occur.

(\*) Except if film applied on nitrocellulose paints, ABS, polystyrene, screen inks (fresh), some types of PVC, not properly dried paints.

## Physical properties

Features	Test method <sup>1</sup>	Results	
		Semi-Perm	Perm
Caliper, facefilm	ISO 534	75 micron	
Caliper, facefilm + adhesive	ISO 534	92 micron	
Gloss level	ISO 2813, 20°	60%	
Gloss level	ISO 2813, 85°	12 %	
Dimensional stability	DIN 30646	0.5 mm max.	
Adhesion, initial	FINAT FTM-1, stainless steel	225 N/m	500 N/m
Adhesion, after 24 hours	FINAT FTM-1, stainless steel	300 N/m	700 N/m
Fire rate classification	EN13501-1+A1:2013	B-s1,d0	
Shelf life	Stored at 22° C/50-55 % RH	2 years	
Durability <sup>2</sup>	Vertical exposure		
	Black + White	5 years	
	All colours	4 years	
	Metallics	2 years	

### Temperature range

Application temperature	Minimum: + 10°C
Service temperature	-40°C to +100°C

### Chemical properties

Humidity resistance	120 hours exposure	No effect
Corrosion resistance	120 hours exposure	No contribution to corrosion
Water resistance	48 hours exposure	No effect
Chemical resistance	Mild acids	No effect
Solvent resistance	Mild alkalis	No effect
Solvent resistance	Applied to aluminium, exposed to oils, greases, aliphatic solvents, motor oils, heptane, kerosene and JP-4 fuel	No effect

1) Test methods: More information about our test methods can be found on our website.

2) Durability: 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.

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