

## PRODUCT DATA SHEET



### Avery® 500 Event Film Gloss

Issued: 08/04/2009

#### Introduction

Avery 500 Event Film Gloss range is ideal for directional signage, promotional displays, point-of-sale material, exhibition stand graphics and short term indoor and outdoor applications.

#### Description

Facefilm: 70 micron, monomerically plasticised vinyl

Adhesive: permanent, acrylic based

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

#### Conversion

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

#### Features

- Increased reflection opacity of Event Film Gloss white, yellow, orange and blue.
- Excellent conversion properties for computerised signmaking.
- Excellent general purpose permanent adhesive with good initial tack and high adhesion on most common substrates.
- Extensive colour range with 50 matching colours in the Event Film Gloss as well as in the Event Film Matt series.
- Blue contrast backing paper on Event Film Gloss white and Event Film Matt white for ease of conversion.
- Register guides on the re-designed liner imprint.
- Product and manufacturing identification electronically printed on the liner.
- B1 approved, fire rate classification based on the German standard DIN 4102-1, under file number 230004952.
- M1 approved, fire rate classification based on the French standard NFP 92-501, under file number F041342/CEMATE/2

#### Recommendations for use

- Short term outdoor markings, advertising and directional signage.
- Interior sign and display panel applications, when gloss finish is desired.
- Exhibition stand graphics and interior architectural signs, when use of gloss film and permanent adhesive is required.
- Short term outdoor markings and advertising, if gloss finish is needed.
- Short term promotional displays.
- Special coloured promotional stickers.

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



[www.averygraphics.com](http://www.averygraphics.com)

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## PRODUCT CHARACTERISTICS

## Avery® 500 Event Film Gloss

### Physical properties

Features	Test method <sup>1</sup>	Results
Caliper, facefilm	ISO 534	70 micron
Gloss level: Gloss Film	ISO 2813, 20°	60%
Dimensional stability	DIN 30646	0.5 mm, max
Adhesion, initial	FINAT FTM-1, stainless steel	500 N/m
Adhesion, ultimate	FINAT FTM-1, stainless steel	700 N/m
Fire rate classification	DIN 4102-1 on stainless steel NFP 92-501 on stainless steel	Class B1 <sup>3</sup> Class M1 <sup>3</sup>
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

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

### Chemical resistance

Features	Test method <sup>1</sup>	Results
Humidity resistance	120 hours exposure	No effect
Corrosion resistance	120 hours exposure	No contribution to corrosion
Water resistance	120 hours immersion	No effect
Chemical resistance	Mild acids	No effect
	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

#### 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.

#### Warranty

Avery® 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 authorized to give any guarantee, warranty, or make any representation contrary to the foregoing. All Avery® 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

3) Subject to local laws and specific exhibition halls' regulations.



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## PRODUCT DATA SHEET



### Avery® 500 Event Film Matt

issued: 08-04-2009

#### Introduction

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

#### Description

Facefilm: 70 micron, monomerically plasticised vinyl

Adhesive: semi-permanent, acrylic based

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

#### Conversion

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

#### Features

- Increased reflection opacity of Event Film Matt 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 50 matching colours in the Event Film Matt as well as in the Event Film Gloss series.
- Blue contrast backing paper on Event Film Matt white and Event Film Gloss white for ease of conversion.
- Register guides on the re-designed liner imprint.
- Product and manufacturing identification electronically printed on the liner.
- B1 approved, fire rate classification based on the German standard DIN 4102-1, under file number 230004952.
- M1 approved, fire rate classification based on the French standard NFP 92-501, under file number F041342 – CEMATE/1.

#### 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.

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



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## PRODUCT CHARACTERISTICS

## Avery® 500 Event Film Matt

### Physical properties

Features	Test method <sup>1</sup>	Results
Caliper, facefilm	ISO 534	70 micron
Gloss : Matt Films	ISO 2813, 20°	12%
Dimensional stability	DIN 30646	0.5 mm, max
Adhesion, initial	FINAT FTM-1, stainless steel	225 N/m
Adhesion, ultimate	FINAT FTM-1, stainless steel	300 N/m
Removability		up to 1 year
*Not when applied to: Nitro-cellulose paints, ABS, Polystyrene, (fresh) screen-printing inks, certain types of PVC, paints that are not completely dry.		
Fire rate classification	DIN 4102-1 on stainless steel NFP 92-501 on stainless steel	Class B1 <sup>3</sup> Class M1 <sup>3</sup>
Shelf life	Stored at 22° C/50-55 % RH	2 years
Durability <sup>2</sup>	Vertical exposure	
Black + White		5 years
All colours		3 years
Metallics		2 years

### Temperature range

Features	Results
Application temperature	Minimum: +0° C
Service temperature	-40° to +100° C

### Chemical resistance

Features	Test method <sup>1</sup>	Results
Humidity resistance	120 hours exposure	No effect
Corrosion resistance	120 hours exposure	No contribution to corrosion
Water resistance	120 hours immersion	No effect
Chemical resistance	Mild acids	No effect
	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

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#### 1) Test methods

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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.

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