

PRODUCT DATA SHEET



Avery® 500 Event Film Gloss

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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: 75 micron, monomerically plasticised vinyl
Adhesive: permanent, acrylic based
Backing paper: one side coated bleached kraft paper, 130 g/m²

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.
- Optional choice to select a blue contrast backing paper on Event Film Gloss white and Event Film Matt white.
- 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.



www.averygraphics.com

Graphics Division
Rijndijk 86, P.O. Box 118
2394 ZG Hazerswoude – The Netherlands
Tel +31 71 3421500 – Fax +31 71 3421538

PRODUCT CHARACTERISTICS

Avery® 500 Event Film Gloss

Physical properties

| Features | Test method ¹ | Results |
|--------------------------|--|--|
| Caliper, facefilm | ISO 534 | 75 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 ³ Class M1 ³ |
| Shelf life | Stored at 22° C/50-55 % RH | 2 years |
| Durability ² | 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 ¹ | 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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