

PRODUCT DATA SHEET



Avery® Dusted Glass Film

Powered by Easy Apply RS Technology

issued: 08/04/2009

Introduction

Avery Dusted Glass Film EA RS is suitable for decorative and functional graphics on glass windows and screens, doors and mirrors. Avery Dusted Glass Film EA RS also functions on other transparent media, like acrylic and polycarbonate sheets. Avery Dusted Glass Film EA RS is recommended for use on flat and smooth surfaces.

Description

Facefilm: 80 micron calendered vinyl film, polymerically plasticised
Adhesive: permanent, transparent acrylic based with Easy Apply RS Technology
Backing paper: two side polyethylene coated kraft paper, 150 g/m²

Conversion

Avery Dusted Glass Film EA RS can be converted on a wide range of plotters. Straight lines or edge cuts are feasible with this film. However, due to the nature of the adhesive and the special backing paper not all graphic designs and formats might be achievable. It is recommended to test the feasibility of the graphic prior to any production. Avery Dusted Glass Film EA RS can be printed on a variety of wide format inkjet printers using solvent ink.

Features

- Milky translucent special effects film.
- Homogeneous matt face finish.
- Excellent application performance on large surfaces.
- No air entrapment or pleats during application.
- Good outdoor durability.
- Very good indoor durability.
- Product width 1,37m

Recommendations for use

Avery Dusted Glass Film EA RS has been developed to create a typical surface finish for decorations on glass, as well as functional and manifestation graphics. Avery Dusted Glass Film EA RS performs best on transparent media.

Recommendations for application

- Flat surfaces only.
- DO NOT apply with water (wet method) or other fluid.
- Reposition the product if any deviation occurs.
- Use Avery Squeegee Pro to achieve maximum performance (no streaks).
- Use a high tack application tape for transfer of the graphic design.



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PRODUCT CHARACTERISTICS

Avery® Dusted Glass Film
Powered by Easy Apply RS

Physical properties

Features	Test method ¹	Results
Caliper, facefilm	ISO 534	80 micron
Caliper, facefilm + adhesive	ISO 534	110 micron
Tensile strength	DIN 53455	1.7 kN/m
Elongation	DIN 53455	100 %
Gloss	ISO 2813, 85°	14 %
Dimensional stability	DIN 30646	0.2 mm. max
Adhesion, initial	FINAT FTM-1, stainless steel	470 N/m
Adhesion, ultimate	FINAT FTM-1, Stainless steel	560 N/m
	Glass	510 N/m
	PMMA	510 N/m
	Polycarbonate	510 N/m
Flammability		self extinguishing
Accelerated ageing	SAE J2527, 1500h exposure	No negative impact on performance
Shelf life	Stored at 22° C/50-55 % RH	2 years
Durability ²	90° Vertical exposure	indoor : 7 years outdoor: 5 years

Temperature range

Features	Results
Application temperature	Minimum: +10° C
Temperature range	-50° to +100° C

Chemical resistance

Features	Test method ¹	Results
Humidity resistance	200h exposure	No effect

Chemical solvent resistance	Immersion time	Results
Water	24h	No effect
Detergent (1% solution)	24h	No effect
Detergent solution 65°C	8h	No effect
Isopropyl Alcohol / Water (20/80)	10 min	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 authorised 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.



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