

PRODUCT DATA SHEET

Avery Dennison® Dusted Glass Window Film Powered by EasyApply™ RS Technology

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Introduction

Avery Dennison Dusted Glass Window Film EasyApply™ RS is suitable for decorative and functional graphics on glass windows and screens, doors and mirrors. Avery Dennison Dusted Glass Window Film EasyApply™ RS also functions on other transparent media, like acrylic and polycarbonate sheets. Avery Dennison Dusted Glass Window Film EasyApply™ 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 EasyApply™ RS Technology
Backing paper: Two side polyethylene coated kraft paper, 140 g/m²

Conversion

Avery Dennison's Dusted Glass Window Film EasyApply™ 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.

Printability

Avery Dennison's Dusted Glass Window Film EasyApply™ RS is a good candidate for screen and digital printing. However a print test prior to application is strongly recommended.

Features

- Durability: 7 years
- 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 Dennison Dusted Glass Window Film EasyApply™ RS has been developed to create a typical surface finish for decorations on glass, as well as functional and manifestation graphics. Avery Dennison Dusted Glass Window Film EasyApply™ 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 Dennison Squeegee Pro to achieve maximum performance (no streaks)
- Use a high tack application tape for transfer of the graphic design

PRODUCT CHARACTERISTICS

Avery Dennison® Dusted Glass Window Film Powered by EasyApply™ RS

Physical properties

Features

Caliper, facefilm
Caliper, facefilm + adhesive
Tensile strength
Elongation
Gloss
Dimensional stability
Adhesion, initial
Adhesion, ultimate

Test method¹

ISO 534
ISO 534
DIN 53455
DIN 53455
ISO 2813, 85°
FINAT FTM 14
FINAT FTM-1, stainless steel
FINAT FTM-1:
Stainless steel
Glass
PMMA
Polycarbonate

Results

80 micron
110 micron
1.7 kN/m
100 %
14 %
0.2 mm. max
470 N/m
560 N/m
510 N/m
510 N/m
510 N/m
self extinguishing
2 years
indoor: 7 years
outdoor: 5 years

Flammability

Shelf life

Durability²

Temperature range

Features

Application temperature
Temperature range

Results

Minimum: +10° C
-50° to +100° C

Chemical resistance

Features

Humidity resistance

Test method¹

200h exposure

Results

No effect

Chemical solvent resistance

Water
Detergent (1% solution)
Detergent solution 65°C
Isopropyl Alcohol / Water (20/80)

Immersion time

24h
24h
8h
10 min

No effect
No effect
No effect
No effect

NOTE: Materials have to be properly dried before further processing, for example laminating, varnishing or application. The residual solvents could change the products' specific features.

For a good print and converting result we recommend to let the rolls acclimatize in the print/lamination room at least 24 hours before printing or converting. Too much temperature or humidity deviation between material and room climate can cause layflatness and/or printability issues.

Generally, constant material storage conditions of ideally 20°C (+/-2°C) /50% rh (+/- 5%), without too big climate deviations, will support a more robust and stable printing/converting process. For further details, please refer to TB 1.11.

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. In case of any ambiguities or differences between the English and foreign versions of these Conditions, the English version shall be controlling.

Warranty

Avery Dennison® 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 Dennison® 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: www.graphics.averydennison.eu

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.