

PRODUCT DATA SHEET

Avery Dennison® Dusted Glass EasyApply Window Film Series

Issued: 11/2024

Introduction

Avery Dennison Dusted Glass Window Film EasyApply™ and EasyApply™ RS series are suitable for decorative and functional graphics on glass windows and screens, doors and mirrors. This films series also function on other transparent media, like acrylic and polycarbonate sheets. Avery Dennison Dusted Glass Window Film EasyApply™ and EasyApply™ RS series are recommended for use on flat and smooth surfaces.

Conversion

Avery Dennison Dusted Glass Window Film EasyApply™ series 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.



Face Film

80 µm calendered vinyl film, polymerically plasticized



Adhesive

Permanent, transparent acrylic based with EasyApply™ or EasyApply™ RS Technologies



Backing

Two side polyethylene coated kraft paper, 140 g/m²



Durability

Up to 5 years



Shelf Life

2 years when stored at 23°C / 50% RH

Recommendations

Avery Dennison Dusted Glass Window Film EasyApply™ series have 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

Features

- » Durability: 9 years (indoor) / 5 years (outdoor)
- » 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: in EA = 1.23 and 1.52 m / in EA RS = 1.37 m

Physical Characteristics

| Product | Test method ¹ | Results | |
|--|------------------------------|------------------|-------|
| Caliper, facefilm (µm) | ISO 534 | 80 | |
| Caliper, facefilm + adhesive (µm) | ISO 534 | 110 | |
| Gloss (GU) | ISO 2813, 85° | 14 | |
| Dimensional stability (mm max.) | FINAT FTM 14 | 0.2 mm max | |
| Shelf life (years) | Stored at 22° C/50-55 % RH | 2 | |
| Durability ² (years) | Vertical exposure | indoor: 9 years | |
| | | outdoor: 5 years | |
| Flammability | EN13501-1 | B-s1, d0 | |
| Adhesive | | EA | EA RS |
| Adhesion, initial (N/m) | FINAT FTM-1, stainless steel | 470 | 470 |
| Adhesion, after 24 hours (N/m) | FINAT FTM-1, stainless steel | 560 | 560 |
| | Glass | 510 | 510 |
| | PMMA | 510 | 510 |
| | Polycarbonate | 510 | 510 |
| Temperature range | | | |
| Application temperature (Minimum: °C) | | +10 | |
| Service temperature (°C to +°C) | | -50 to +100 | |
| Chemical properties³ | | | |
| Humidity resistance | 200 hours exposure | No effect | |
| Water | 24 hours immersion | No effect | |
| Detergent (1% solution) | 24 hours immersion | No effect | |
| Detergent solution 65°C | 24 hours immersion | No effect | |
| Isopropyl Alcohol / Water (20/80) | 10 minutes immersion | No effect | |

Important

Information on physical and chemical characteristics and values in this document are based upon tests we believe to be reliable and do not constitute a warranty. 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 this document, the English version shall be prevailing and leading.

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) Prolonged immersion in gasoline and similar fluids is not recommended.

Avery Dennison warrants that its Products meet its specifications. Avery Dennison gives no other express or implied guarantees or warranties with respect to the Products, including, but not limited to, any implied warranties of merchantability, fitness for any particular use and/or non infringement. All Avery Dennison products are sold with the understanding that the purchaser has independently determined the suitability of such products for its purposes. The period of warranty is one (1) year from the date of shipment unless expressly provided otherwise in the product data sheet. All Avery Dennison's products are sold subject to Avery Dennison's general terms and conditions of sale, see <http://terms.europe.averydennison.com>.

Avery Dennison's aggregate liability to Purchaser, whether for negligence, breach of contract, misrepresentation or otherwise, shall in no circumstances exceed the price of the defective, non-conforming, damaged or undelivered Products which give rise to such liability as determined by net price invoices to Purchaser in respect of any occurrence or series of occurrences. In no circumstances shall Avery Dennison be liable to Purchaser for any indirect, incidental or consequential loss, damage or injury, including without limitation, loss of anticipated profits, goodwill, reputation, or losses or expenses resulting from third party claims.

© 2024 Avery Dennison Corporation. All rights reserved. Avery Dennison and all other Avery Dennison brands, this publication, its content, product names and codes are owned by Avery Dennison Corporation. All other brands and product names are trademarks of their respective owners. This publication must not be used, copied or reproduced in whole or in part for any purposes other than marketing by Avery Dennison.