

PRODUCT DATA SHEET

Avery Dennison[®] Crystal Glass EasyApply Window Film

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Introduction

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

Conversion

Avery Dennison Crystal Glass Window Film EasyApply™ 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™ technology



Backing

Two side polyethylene coated kraft paper, 140 g/m²



Durability

Up to 5 years outdoors (vertical exposure)



Shelf Life

2 years stored at 22°C / 50% RH

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

Recommendations

Avery Dennison Crystal Glass Window Film EasyApply™ has been developed to create a typical surface finish for decorations on glass, as well as functional and manifestation graphics. Avery Dennison Crystal Glass Window Film EasyApply™ 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)
- » Translucent crystal-like 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: 1,23m and 1,52m

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	9 years indoor 5 years outdoor
Adhesive		
Adhesion, initial (N/m)	FINAT FTM-1, stainless steel	470
Adhesion, after 24 hours (N/m)	FINAT FTM-1, Stainless steel	560
	Glass	510
	PMMA	510
	Polycarbonate	510
Temperature range		
Application temperature (Minimum: °C)		Minimum: +10
Service temperature (°C to +°C)		-50 to +100
Chemical properties³		
Humidity resistance	200 hours exposure	No effect
Water resistance	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	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.

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