

PRODUCT DATA SHEET

Avery Dennison® Edge Sealing Tape

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Introduction

Avery Dennison® Edge Sealing Tape is a 9 mm wide premium quality conformable cast film which offers an aesthetic alternative for clean and fast architectural window film edge sealing (versus silicone), while maintaining full sealing protection.

The color variety available is selected to best visually upgrade any installation. The good initial adhesion of the tapes enables time-saving applications, working in an efficient manner.

Conversion

Avery Dennison® Edge Sealing Tape is designed for sealing the Avery Dennison® Architectural Window Films after Application on the window panes. It is an approved solution to receive the full warranty when edge sealing of the Architectural Window Films are required.

The following Avery Dennison® product series are compatible:

- » Avery Dennison® Exterior Solar Reflective Films
- » Avery Dennison® Exterior Dual Reflective Films
- » Avery Dennison® Interior and Exterior Spectrally Selective Films
- » Avery Dennison® XTRM series (Edge sealing durability up to 10 years)

Recommendations

Avery Dennison® Edge Sealing Tape should cover the edge of the architectural window film and the glass pane. The conformability of the Avery Dennison® Edge Sealing Tape is supporting an easy application. Detailed application information can be reviewed in the Instructional Bulletin "Edge Sealing of Avery Dennison Architectural Windowfilms".

Features

- » Tape size: 9 mm width - Ideal for working swiftly on site of installation
- » Compatibility with selected Avery Dennison® Architectural Window Films
- » Applied film is dry, surfaces can be touched immediately after application
- » Good initial adhesion for quick installations
- » Color variety: Aesthetic colors selected to best match Avery Dennison's® Architectural Window Films



Face Film

50 micron, premium quality cast vinyl



Adhesive

permanent, transparent acrylic-based



Backing

One side coated white kraft paper 135 g/m²



Durability

Up to 10 years (vertical exposure)



Shelf Life

2 years

Physical Characteristics

	Test method ¹	Results
Product		
Caliper, facefilm (micron)	ISO 534	50
Caliper, facefilm + adhesive (micron)	ISO 534	90 (clear) 80 (colored)
Tensile strength (N/mm ²)	DIN 53455	1
Gloss (GU)	ISO 2813, 20°	50
Dimensional stability (mm max.)	DIN 30646	0.15
Shelf life (years)	Stored at 22° C/50-55 % RH	2
Durability ² (years)	Climate zone	Vertical / horizontal exposure
	Zone 1	10 / 5
	Zone 2	8 / 4
	Zone 3	6 / 3
Adhesive		
Adhesion, initial (N/m)	FINAT FTM-1, stainless steel	540 (clear and colored versions)
Adhesion, after 24 hours (N/m)	FINAT FTM-1, stainless steel	600 (clear) 720 (colored versions)

Temperature range

Application temperature (Minimum: °C)	10
Service temperature (°C to +°C)	-50 to + 110

Chemical properties

Humidity resistance	120 hours exposure	No effect
Corrosion resistance	120 hours exposure	No contribution to corrosion
Water resistance	48 hours immersion	No effect

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 windos facing south; in areas of long high temperature exposure such as southern European countries; in industrially polluted areas or high altitudes, exterior performance can decrease.

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.

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