

PRODUCT DATA SHEET

Avery Dennison® Confetti Film

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Introduction

Avery Dennison® Confetti Film is a holographic film of light diffracting metallized vinyl film. The rigid vinyl film is UV stabilized and designed for indoor use in signs, graphics and POP displays and short-term outdoor.

Conversion

Avery Dennison Confetti Film offers excellent cutting and weeding performance on a wide range of computer signmaking equipment in all popular sizes. Avery Dennison Confetti Film can be thermal transfer printed, screen printed or digital printed. However, digital printing is not warranted, since the product does not permit profiling due to its nature. Settings may vary from one printer or ink system to another.

Avery Dennison Confetti Film pattern repeats every 150 mm in machine and cross directions. The repeat is defined by a seam line that is approximately 1.6 mm wide. Slit width and sheet size will determine where seams will be located on converted materials

Must keep any processing temperature under + 70° C to avoid possible pattern distortion.

Recommendations

Avery Dennison Confetti Film can generally be used for lettering and decorations on flat to slightly curved surfaces.

- Indoor functional lettering and numbering
- Indoor retail signage.
- Short term outdoor graphics or decals

Features

- Excellent performance on flat surfaces.
- Excellent layflatness and stability during cutting and weeding.
- Excellent dimensional stability during use and application.
- Designed for indoor use with medium term durability.



Face Film

60 micron metallized specialty rigid vinyl film



Adhesive

permanent, acrylic based



Backing

one side coated white kraft paper, 125 g/m2



Durability

Indoor - 5 years (zone 1, vertical)

Outdoor - 6 months (zone 1, vertical)



Shelf Life

1 year

Physical Characteristics

	Test method ¹	Results
Product		
Caliper, facefilm (micron)	ISO 534	60 micron
Caliper, facefilm + adhesive (micron)	ISO 534	85 micron
Dimensional stability (mm max.)	FINAT FTM 14	0.25mm
Shelf life (years)	Stored at 22° C/50-55 % RH	1 year
Durability ² (years)	Vertical exposure	Indoor - 5 years
		Outdoor - 6 months
Adhesive		
Adhesion, initial (N/m)	FINAT FTM-1, stainless steel	510 N/m
Adhesion, after 24 hours (N/m)	FINAT FTM-1, stainless steel	660 N/m
Temperature range		
Application temperature (Minimum: °C)		Minimum: +10° C
Service temperature (°C to +°C)		-40° to + 80°C
Chemical properties³		
Humidity resistance	200 hours exposure	No effect
Corrosion resistance	120 hours exposure	No contribution to corrosion
Water resistance	48 hours 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.

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