

PRODUCT DATA SHEET

Avery Dennison® Confetti Film

issued: 07/2015

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.

Description

Facefilm: 60 micron metallized specialty rigid vinyl film
Adhesive: permanent, acrylic based
Backing paper: one side coated white kraft paper, 125 g/m²

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.

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.

Recommendations for use

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

General remarks

- 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.

PRODUCT CHARACTERISTICS

Avery Dennison® Confetti Film

Physical properties

Features

Caliper, facefilm
Caliper, facefilm + adhesive
Dimensional stability
Adhesion, initial
Adhesion, ultimate
Flammability
Accelerated ageing

Test method¹

ISO 534
ISO 534
FINAT FTM 14
FINAT FTM-1, stainless steel
FINAT FTM-1, stainless steel

SAE J 1960, 2000h exposure

Stored at 22° C/50-55 % RH
Vertical exposure

Results

60 micron
85 micron
0,25 mm. max
510 N/m
660 N/m
self-extinguishing
No negative impact
on film performance
1 year
indoor - 5 years
outdoor - 6 months

Temperature range

Features

Application temperature
Temperature range

Results

Minimum: +10° C
-40° to + 80°C

Chemical resistance

Features

Humidity resistance
Corrosion resistance
Water resistance

Test method¹

200 hours exposure
120 hours exposure to corrosion
48 hours immersion

Results

No effect
No contribution
No effect

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

All Avery Dennison statements, technical information and recommendations are based on tests believed to be reliable but do not constitute a guarantee or warranty. All Avery Dennison products are sold with the understanding that purchaser has independently determined the suitability of such products for its purposes. All Avery Dennison's products are sold subject to Avery Dennison's general terms and conditions of sale, see <http://terms.europe.averydennison.com>

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.