

PRODUCT DATA SHEET

Avery Dennison® MPI™ 3151 Translucent White

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Introduction

Avery Dennison Multi Purpose Inkjet 3151 is a semi-gloss white translucent PVC film with a removable adhesive, specially designed for short term, less demanding applications. It is suitable for use on a variety of super wide format inkjet printers using solvent ink.

Conversion

Avery Dennison MPI 3151 is multi-purpose PVC film, developed for use on super wide format printers using solvent based inks. To enhance color and protect images against UV radiation and abrasion, Avery Dennison MPI 3151 is recommended to be overlaminated with Avery Dennison DOL 3000 Series.

For an overview of recommended combinations of DOL films and media, please refer to "Technical Bulletin 5.3.

Recommended combinations of Avery Dennison Overlaminates and Avery Dennison Digital Print Media".



Face Film

80 micron white monomeric translucent PVC film



Adhesive

Removable, clear, acrylic based



Backing

Clay coated kraft paper, 125 g/m2



Durability

3 years



Shelf Life

2 years

Recommendations

- » Short term Promotional illuminated Graphics
- » Short term Window decorations and graphics

Features

- » Excellent printability and handling on selected printers
- » Easy conversion because of dimensionally stable backing
- » Excellent colour uniformity in reflected and transmitted light

Physical Characteristics

	Test method ¹	Results
Product		
Caliper, facefilm (micron)	ISO 534	80
Caliper, facefilm + adhesive (micron)	ISO 534	105
Dimensional stability (mm max.)	FINAT FTM 14	0.4
Shelf life (years)	Stored at 22° C/50-55 % RH	2
Durability ² (years)	Vertical exposure	3
Fire Classification Rating	EN 13501-1	B-s1, d0
Adhesive		
Adhesion, initial (N/m)	FINAT FTM-1, stainless steel	140
Adhesion, after 24 hours (N/m)	FINAT FTM-1, stainless steel	250
Temperature range		
Application temperature (min °C)		10
Service temperature (°C to +°C)		-40 - +80
Chemical properties³		
Chemical resistance	Mild acids	No effect
Solvent resistance	Mild alkalis	No effect
Solvent resistance	Applied to aluminium	No effect exposed to: oils, greases, aliphatic solvents, motor oils, heptane, kerosene and JP-4 fuel.

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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