PRODUCT DATA SHEET

Avery Dennison® MPI™ 3021 DOT

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Introduction

MPI™ 3021 DOT is specifically designed for non-professional applicators of promotional graphics, like employees in stores or event spaces. The dot-shaped adhesive coating allows for easy application without air bubbles trapped underneath the film, making it simple for users to create professional results without use of application tools or water. Printable across the major digital print platforms using UV curing, latex and (eco-) solvent inks.

Face Film
MPI 3021 DOT 120 micron matt white

Adhesive
Removable, clear, acrylic based

Backing
Clay coated kraft paper, 135 g/m2

Durability
1 year

Shelf Life
1 year

Conversion

MPI™ 3021 DOT is suitable for use on various super wide format printers, using (eco-) solvent, UV-curing or latex inks. For general application guidelines of self-adhesive films, please refer to Technical Bulletin 1.4.

The product can be easily removed by simply peeling it off after the lifespan of the product has been reached. Some adhesive residue maybe occur after the product has been exposed to UV and high temperatures. Removing it slowly at maximum 5 cm/second will decrease the amount of residue left behind. Any adhesive residue may be removed using Avery Dennison Adhesive Remover.

Recommendations

- Short-term indoor communication and advertising
- Posters, panels and signs at exhibitions
- Point of sale promotions

Features

- Fast and easy application
- Easy removability after its lifespan has been reached
- Excellent printability on the main digital platforms
- Good adhesion bonding on smooth surfaces
- No water and application tools needed

Physical Characteristics

	Test method[1]	Results
Product		
Caliper, facefilm (micron)	ISO 534	120
Caliper, facefilm + adhesive (micron)	ISO 534	135
Dimensional stability (mm max.)	FINAT FTM 14	0.5
Shelf life (years)	Stored at 22° C/50-55 % RH	1
Durability[2] (years), indoors only	Vertical exposure	1
Fire Classification Rating	EN 13501-1	B-s2, d0
Adhesive		
Adhesion, initial (N/m)	FINAT FTM-1, stainless steel	40
Adhesion, after 24 hours (N/m)	FINAT FTM-1, stainless steel	80
Temperature range		
Application temperature (min °C)		10
Service temperature (°C to +°C)		-20 - +70
Chemical properties[3]		
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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