

SP 3522 Opaque Matt

Revision 0

Introduction

Avery Dennison SP 3522 Opaque Film is a matt white, self-adhesive polyolefin with grey removable adhesive for overposting needs and optimised for short-term promotional graphics.

It allows for more sustainable digital printing compared to standard vinyl options due to its nature of being PVC-free and thus containing no chlorine, phthalates and other halogens, reducing the emissions of volatile organic components (VOC's).

Conversion

SP 3522 Opaque Film is suitable for UV-curing and latex inks. To achieve the best possible print quality, please make sure the correct ICC Profile and printer settings are used.



Face Film
90 micron matt white polyolefin film



Backing
Two sides PE coated kraft paper, 140 g/sqm



Shelf Life
2 years



Adhesive
Acrylic based, removable grey adhesive
Removable up to 1 year



Durability
3 years (vertical, unprinted)

Features

- PVC-free face film
- Attractive white appearance
- Easy and clean removability with heat up to 1 year
- Excellent printability and handling on selected printers
- Easy cutting and application on a wide variety of substrates
- Good opacity by using grey adhesive system, improving overposting possibilities

Recommendations

- Interior & exterior signs
- Temporary promotional and point of sale advertising and all applications to flat or regular surfaces where additional opacity may be required

Physical Characteristics

Product	Test method ¹	Results
Caliper, facefilm (micron)	ISO 534	90
Caliper, facefilm + adhesive (micron)	ISO 534	115
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
Adhesive		
Adhesion, initial (N/m)	FINAT FTM-1, stainless steel	≥100 N/m
Adhesion, after 24 hours (N/m)	FINAT FTM-1, stainless steel	≥120 N/m
Temperature Range		
Application temperature (Minimum°C)		10
Service temperature (°C to +°C)		-40 to +80
Chemical Properties³		
Chemical resistance	Mild acids	No effect exposed to: oils, greases, aliphatic solvents, motor oils, heptane, kerosene, JP-4 fuel
Solvent resistance	Mild alkalis	
Solvent resistance	Applied to aluminium	

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.

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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