

# PRODUCT DATA SHEET

## Avery Dennison® DOL 5800 Floor Marking

Issued: 12/2020

### Introduction

Avery Dennison DOL 5800 is a transparent textured overlaminate designed to protect promotional media on **indoor** floor applications, ensuring robust full color graphics and excellent slip and wear resistance during its functional life.

It is compatible with Avery Dennison MPI 3001, MPI 3001 HOP and MPI 3026 SuperTack.

### Conversion

For processing tips and reference guides please refer to 5.7 Technical Bulletin: Recommendations for conversion, application and use of Avery Dennison Floor Marking. In order to avoid undesired performance of the product in application, it is inevitable to make the correct product choice for the respective application.

Before starting a project it is always recommended to do a pilot application to ensure satisfactory product performance before a full roll out of the project. In case of uncertainty you may always reach out to your Avery Dennison contact for further help or recommendations.

### Recommendations

- » Indoor retail floor advertising
- » Interior decoration for promotional purposes
- » Exhibition indoor floor graphics

### Features

- » Overlamination film with matt textured surface for indoor floor graphics protection
- » Extended life span up to 3 months durability in combination with MPI 3001, MPI 3001 HOP and MPI 3026 SuperTack (**for indoor use**)
- » Excellent slip and wear resistance, certified according to DIN norm 13036-4
- » Fire classification rating available
- » Film with good adhesion properties and easy to handle
- » Not only provides protection from abrasion and moisture; it also helps reduce colour fade caused by ultraviolet light exposure



#### Face Film

115 micron, transparent matt textured vinyl overlamination film



#### Adhesive

Clear, permanent, hi-tack acrylic based adhesive



#### Backing

White Kraft Paper, 100 g/m2



#### Durability

3 months



#### Shelf Life

2 years

## Physical Characteristics

	Test method <sup>1</sup>	Results
<b>Product</b>		
Caliper, facefilm (micron)	ISO 534	115
Caliper, facefilm + adhesive (micron)	ISO 534	145
Dimensional stability (mm max.)	FINAT FTM 14	1.0
Shelf life (years)	Stored at 22° C/50-55 % RH	2
Durability <sup>2</sup> (months), indoors only	Vertical exposure	3
Fire Classification Rating	EN 13501-1	B <sub>fl</sub> -s1
Slip Resistance Rating	EN 13036-4 (dry condition)	PTV 98 (longitudinal)
<b>Adhesive</b>		
Adhesion, initial (N/m)	FINAT FTM-1, stainless steel	200
Adhesion, after 24 hours (N/m)	FINAT FTM-1, stainless steel	350
<b>Temperature range</b>		
Application temperature (min °C)		see TB 5.4
Service temperature (°C to +°C)		0 - +40
<b>Chemical properties<sup>3</sup></b>		
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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