

PRODUCT DATA SHEET

Avery Dennison® DOL 5800 Floor Marking

issued: 05/2020

Introduction

Avery Dennison DOL 5800 is a transparent textured overlamine 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.

Description

Film: 115 micron, transparent matt textured vinyl overlamination film.
Adhesive: Clear, permanent, hi-tack acrylic based adhesive.
Backing: White Kraft Paper, 100 g/m2.

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.

Uses

- 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

Note

The durability of a printed image always depends on the toner/ink, film, used overlamine, processing and exposure conditions.

PRODUCT CHARACTERISTICS

Avery Dennison® DOL 5800 Floor Marking

Physical properties

Features	Test method ¹	Results
Caliper, facefilm	ISO 534	115 micron
Caliper, facefilm + adhesive	ISO 534	145 micron
Dimensional stability	FINAT FTM 14	< 1.0 mm
Adhesion, initial	FINAT FTM-1, stainless steel	200 N/m
Adhesion, ultimate	FINAT FTM-1, stainless steel	350 N/m
Shelf life	Stored at 23°C/50-55% RH	2 years
Durability	Applied on indoor floors ONLY	3 months

Temperature range

Features	Results
Application temperature	+20°C to +30°C
Service temperature	0°C to +40°C

Chemical properties

Short term exposure to water, cleaning agents, IPA (Isopropylalcohol), diluted acetic acid, salt spray when used on INDOOR floors, will not damage the surface.

NOTE: Materials have to be properly dried before further processing, for example laminating, varnishing or application. The residual solvents could change the products' specific features.

For good print and converting result we recommend to let the rolls acclimatize in the print/lamination room at least 24h. before printing or converting. Too much temperature or humidity deviation between material and room climate can cause layflatness and/or printability issues.

Generally, constant material storage conditions of ideally 20°C (+/-2°C) /50% RH (+/- 5%), without too big climate deviations, will support a more robust and stable printing/converting process. For further details, please refer to TB 1.11.

Important notice 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.

Disclaimer and warranty Avery Dennison warrants that its Products meet its specifications. Avery Dennison gives no other express or implied guarantees or warranties with respect to the Products, including, but not limited to, any implied warranties of merchantability, fitness for any particular use and/or non infringement. All Avery Dennison products are sold with the understanding that the purchaser has independently determined the suitability of such products for its purposes. The period of warranty is one (1) year from the date of shipment unless expressly provided otherwise in the product data sheet. All Avery Dennison's products are sold subject to Avery Dennison's general terms and conditions of sale, see <http://terms.europe.averydennison.com>. Avery Dennison's aggregate liability to Purchaser, whether for negligence, breach of contract, misrepresentation or otherwise, shall in no circumstances exceed the price of the defective, non-conforming, damaged or undelivered Products which give rise to such liability as determined by net price invoices to Purchaser in respect of any occurrence or series of occurrences. In no circumstances shall Avery Dennison be liable to Purchaser for any indirect, incidental or consequential loss, damage or injury, including without limitation, loss of anticipated profits, goodwill, reputation, or losses or expenses resulting from third party claims.