

Avery Dennison® DOL 5800 Floor Marking

Textured Matt Transparent Promotional Overlamine

Features:

- Overlamine film with matt textured surface for indoor floor graphic protection
- Compatible with Avery Dennison Promotional Calendered digitally printable media; MPI 3000 Series
- Excellent adhesion to printed and unprinted graphic materials, easy to handle
- Good abrasion and moisture resistance; helps reduce colour fade due to UV light
- Excellent value for money
- Tested to AS/NZS 4586:2013 Standard slip resistance classification for new pedestrian surfaces: Appendix AB Dual Classification
- Provides up to 6 months expected durability** for internal floor graphics applications

Conversion

- | | |
|--|--|
| <input type="radio"/> Flatbed cutters | <input checked="" type="radio"/> Cold overlamining |
| <input type="radio"/> Friction fed cutters | <input type="radio"/> Electrostatic printing |
| <input type="radio"/> Die cutting | <input type="radio"/> Latex inkjet |
| <input type="radio"/> Thermal transfer | <input type="radio"/> Eco solvent inkjet |
| <input type="radio"/> Screen printing | <input type="radio"/> Solvent inkjet |
| <input type="radio"/> Offset printing | <input type="radio"/> UV curable inkjet |

Standards

AS/NZS 4586-2013 slip resistance classification of new pedestrian surfaces: Appendix A, B, Dual Classifications: P3, D1

In order to interpret the classifications, please refer to Standards Australia Handbook SA HB 198:2014, Guide to the specification and testing of slip resistance of pedestrian surfaces, which recommends minimum classifications for a wide variety of locations.

Application

For processing tips and reference guides please refer to Avery Dennison Instructional Bulletins:

- 1.18 Application and Maintenance of Avery Dennison® Floor Graphics
- 4.06 Processing Tips for Laminating Films (DOL)

Uses

Avery Dennison DOL 5800 Floor Marking is a textured matt transparent overlamine, designed for protecting digitally printed images, ensuring robust full colour graphics, excellent slip and wear resistance for flat indoor floor graphics applications. It is fully compatible with Avery Dennison Promotional Calendered digitally printable media; MPI 3000 Series.

Description:



Film: 115 micron textured matt transparent UV stable monomeric calendered PVC overlamine



Adhesive: Permanent clear acrylic, Hi-tack



Liner: One side coated 100gsm Kraft paper



Indoor life:** Up to 6 months Horizontal floor

Application surface: Flat, smooth indoor surfaces

Common Applications:

- Floor Graphics
- Indoor Advertising
- Exhibitions / Events
- Point of Purchase
- Indoor retail

General

Calliper, face film	ISO 534	115 micron
Calliper, face film & 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
Flammability	Self extinguishing	
Slip Resistance	AS/NZS 4586-2013 Appendix A Appendix B Appendix AB Dual	Classification P3 D1 P3,D1
Shelf life	Stored at 22° C/50-55 % RH	2 years
Expected Durability **	Horizontal exposure	Up to 6 months indoors

Thermal

Application temperature	+ 20°C to + 30°C	
Temperature range	0°C to + 40°C	

Chemical

Humidity resistance	120 hours exposure	No effect
Corrosion resistance	120 hours exposure	No contribution to corrosion
Water resistance	48 hour immersion	No effect
Chemical resistance	Mild acids	No effect
	Mild alkalis	No effect
Solvent resistance	Applied to aluminium	No effect exposed to: Oils, greases, aliphatic solvents, motor oils, heptanes, kerosene, JP-4 fuel. Resistant to most mild acids, alkalis and salts.

Testing Methods

Dimensional stability:

Is measured on a 150 x 150 mm aluminium panel to which a specimen has been applied; 72 hours after application the panel is exposed for 48 hours to + 70°C, after which the shrinkage is measured.

Adhesion:

(FTM-1, FINAT) is measured by peeling a specimen at a 180° angle from a stainless steel or float glass panel, 24 hours after the specimen has been applied under standardised conditions. Initial adhesion is measured 20 minutes after application of the specimen.

Flammability:

A specimen applied to aluminium is subjected to the flame of a gas burner for 15 seconds. The film should stop burning within 15 seconds after removal from the flame.

Temperature range:

A specimen applied to stainless steel is exposed at high and low temperatures and brought back to room temperature. 1 hour after exposure the specimen is examined for any deterioration. Note: Prolonged exposure to high and low temperatures in the presence of chemicals such as solvents, acids, dyes, etc. may eventually cause deterioration.

Important

Information on physical characteristics is based upon tests we believe to be reliable. The values listed herein are typical values and are not for use in specifications. 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 any material for their specific use.

All technical data is subject to change without prior notice.

Warranty

Avery Dennison® materials are manufactured under careful quality control and are warranted to be free from defect in material and workmanship. Any material shown to our satisfaction to be defective at the time of sale will be replaced without charge. Our aggregate liability to the purchaser shall in no circumstances exceed the cost of the defective materials supplied. No salesman, representative or agent is authorised to give guarantee, warranty, or make any representation contrary to the foregoing.

All Avery Dennison® materials are sold subject to the above conditions, being part of our standard conditions of sale, a copy of which is available on request.

**Expected Durability

The expected durability of Avery Dennison films are defined as the expected performance life of the Avery Dennison graphic film(s) within Zone 1 of the Avery Dennison zone system, in outdoor vertical exposure conditions.

The actual performance life will depend on a variety of factors, including selection and preparation of substrate, angle and direction of exposure, application methods, environmental conditions and cleaning/maintenance of the films.

In case of films used in areas of high temperatures or humidity, high altitudes and industrially polluted areas the performance will be further reduced.

Expected Durability and Warranted Period Definitions

Expected durability is the expected period of time defined in the product data sheet, the product should, but is not warranted to, perform satisfactorily when applied in vertical exposure conditions as defined in Instructional Bulletin 1.30. The warranted period as defined in the appropriate ICS Performance Guarantee Bulletin, is the maximum period of time Avery Dennison will warrant the finished products performance in accordance with ICS Performance Guarantee Terms and Conditions 1.0, provided that the film is properly stored, converted and installed in accordance with Avery Dennison guidelines.

Chemical Resistance:

All chemical tests are conducted with test panels to which a specimen has been applied. 72 hours after application the panels are immersed in the test fluid for the given test period. 1 hour after removing the panel from the fluid, the specimen is examined for any deterioration.

Corrosion Resistance:

A specimen applied to aluminium is exposed to saline mist (5% salt) at 35°C. After exposure, the film is removed and the panel is examined for traces of corrosion.