

Avery® 5900 Floor marking

Issued: 03-04-2013

Introduction

Avery DOL 5900 is a transparent textured overlamine. It is designed to produce robust full colour graphics for short term application (maximum 2 months) on floors (indoors only). Avery DOL 5900 can be cleaned easily and has an excellent slip and wear resistance during its functional life. It is compatible with Avery Floor Print White 60.

Description

Film : 100 micron, transparent matt textured vinyl overlamination film
Adhesive : permanent, clear, acrylic based
Backing : one side coated bleached kraft paper, 140 g/m²

Conversion

For processing tips and reference guides please refer to Technical Bulletins:
- 5.7 Recommendations for conversion, application and use of Avery Floor Marking.

Uses

When laminating over printed images, the used inks/toners should be thoroughly dry and free of (silicone) additives that might reduce/prevent proper adhesion of Avery DOL 4300. Avery DOL 4300 is an overlaminating film that protects durable images against permanent damage from graffiti, paints and UV light. Most commercially available graffiti removal fluids will allow the removal of graffiti without damaging Avery DOL 4300.

Features

- Excellent wear resistance.
- Easy to handle.
- No special cleaning procedures required.
- Good adhesion.
- Excellent transparency.

Note

Full colour graphics on indoor floors only for maximum period of 2 months.

Physical properties

Features	Test method¹	Results
Caliper, facefilm	ISO 534	100 micron
Caliper, facefilm + adhesive	ISO 534	135 micron
Dimensional stability	FINAT FTM 14	0,3 mm max.
Adhesion, initial	FINAT FTM-1, stainless steel	300 N/m
Adhesion, ultimate	FINAT FTM-1, stainless steel	500 N/m
Shelf life	Stored at 230C/50-55% RH	1 year
Durability ²	Applied on indoor floors ONLY	2 months

Temperature range

Features	Results
Application temperature	+ 20 °C to + 30°C
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.

Important

Information on physical and chemical 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 this material to their specific use. All technical data are subject to change.

Warranty

Avery® branded 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 any guarantee, warranty, or make any representation contrary to the foregoing. All Avery® branded materials are sold subject to the above conditions, being part of our standard conditions of sale, a copy of which is available on request.

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.