

Avery® Floor marking 180

Issued: 03-04-2013

Introduction

Avery Floor Marking White 180 consists of two components:

1. white calendered film with a removable adhesive (Floor Print White) and
2. transparent textured overlamine (DOL 6100).

The system is designed for use with the electrostatic printing/dry separation process, screen printing or solvent inkjet printing, to produce robust full colour graphics for short term application (maximum 6 months) on floors such as in shopping malls, train and metro stations, supermarkets etc.

Description

Avery Floor Print White:

Film : 75 micron, white calendered vinyl film
Adhesive : removable, acrylic based
Backing : one side coated bleached kraft paper, 140 g/m²

Avery DOL 6000:

Film : 220 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

Full colour graphics on indoor floors only for maximum period of 6 months.

Features

- Excellent printability.
- Wide use (screen print, electrostatic).
- Excellent wear resistance.
- Easy to handle.
- No special cleaning procedures required.
- Good adhesion during service life.
- Excellent removability.

Note

“180” refers to the number of days of guaranteed indoor use.

Physical properties

Features	Test method¹	Results
Caliper, facefilms Floor Print DOL 6100	ISO 534 ISO 534	75 micron 220 micron 355 micron
Caliper, facefilms + adhesive	ISO 534	355 micron
Dimensional stability	FINAT FTM 14	0,3 mm max.
Adhesion, initial	FINAT FTM-1, stainless steel	190 N/m
Adhesion, ultimate	FINAT FTM-1, stainless steel	260 N/m
Flammability		Self-extinguishing
Shelf life	Stored at 230C/50-55% RH	2 years
Durability ²	Applied on floors as recommended by Avery: Shopping malls, train and metro stations, supermarkets etc.	6 months

Temperature range

Features	Results
Application temperature	≥ + 10 °C
Temperature:	0 °C to + 40 °C
Temperature range, applied to aluminium	-40°C to + 80°C

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.

