

PRODUCT DATA SHEET



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Avery[®] Floor Marking 180[™]

Introduction

Avery Floor Marking White/Transparent 180 consists of two components:

1. white calendered film with a removable adhesive (Floor Print White/Transparent) 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/Transparent:

Face-film : 75 micron, white/transparent calendered vinyl film
Adhesive : removable, acrylic based
Liner : one side coated bleached kraft paper, 140 g/m²

DOL 6100:

Face-film : 220 micron, transparent matt textured vinyl overlamination film
Adhesive : permanent, clear, acrylic based
Liner : one side coated bleached kraft paper, 140 g/m²

Conversion

For details of the exact working procedures, please see Avery Technical Bulletin 5.7 "Recommendations for conversion, application and use of Avery Floor Marking".

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.

Uses

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

Note: "180" refers to the number of days of guaranteed use in recommended applications.



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PRODUCT CHARACTERISTICS

Avery® Floor Marking 180™

Physical properties

| Features | Test method ¹ | Results |
|------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|--------------------|
| Caliper, facefilm | ISO 534 | |
| Floor Print | ISO 534 | 75 micron |
| DOL 6100 | ISO 534 | 220 micron |
| Caliper, Floor print + Dol6100 + adhesives | ISO 534 | 355 micron |
| Dimensional stability | DIN 30646 | 0,3 mm max. |
| Adhesion of final construction Floor Print + DOL6100 | | |
| Initial | FINAT FTM-1, stainless steel | 190 N/m |
| Ultimate | FINAT FTM-1, stainless steel | 260 N/m |
| Shelf life | Stored at 22° C/50-55 % RH | 2 years |
| Flammability | | Self-extinguishing |
| Durability* | Applied on floors as recommended by Avery: Shopping malls, train and metro stations, supermarkets etc. | 6 months |

Temperature range

| Features | Results |
|-----------------------------------------|------------------|
| Application temperature: | Minimum: + 10° C |
| Temperature range: | 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.



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