

## PRODUCT DATA SHEET



# Avery® IPM™ 2150

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### Introduction

Avery® IPM™ 2150 is a high quality pressure-sensitive translucent vinyl film, designed for use on wide format inkjet printers. Avery® IPM™ 2150 has excellent printing properties, allowing crisp print quality with bright and vibrant colours. Avery® IPM™ 2150 offers rapid ink drying and a water-resistant material.

### Description

Facefilm: 90-micron premium white polymeric calendered translucent, matt topcoated vinyl.  
Adhesive: permanent, acrylic based  
Backing paper: one side coated kraft paper, 140 g/m<sup>2</sup>

### Features

- Excellent printability
- Vibrant and bright colours
- Crisp print quality
- Spray water resistant with specific pigmented inks
- Warranty on outdoor durability

### Recommendations for use

Indoor - and **short/medium term outdoor** applications on internally illuminated signs. The uniform light distribution will enhance your ink jet printed image and give it an extra bright touch.

IPM media should be handled with care as any surface contamination may affect the print quality. Media should be processed in an environment of 15-25°C and 30-70% relative humidity. Finished prints should be wrapped in polyethylene film and despatched flat or rolled with the printed side facing outwards. To protect prints against water, UV/light and abrasion, overlamination with a clear film is recommended. For specific details of Avery® DOL combinations, refer to "[Technical Bulletin 5.3. Recommended combinations of Avery® Overlaminates and Avery® Digital Print Media](#)".

**Always test your combination of Avery® IPM™ medium, inkjet printer and inks prior to commercial use.**

### Compatibility

Avery® IPM™ 2150 is compatible with a broad selection of inkjet printers, when printing with pigmented, water based inks. For specific details refer to "[Technical Bulletin 5.6 Avery Dennison Inkjet Print Media - Printer compatibility](#)".

### Durability:

Avery® IPM™ 2150 is warranted for outdoor use in conjunction with pigmented outdoor inks from HP, Encad and Colorspan. The warranted period varies from type of application and type of overlaminate from 18 months up to 2 years. For full details, see our Avery® IPM™ Outdoor warranty.



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# PRODUCT CHARACTERISTICS

Avery® IPM™ 2150

## Physical properties

| Features                | Test method <sup>1</sup>                                       | Results                                |
|-------------------------|--|--|
| Caliper, facefilm       | ISO 534  | 90 µm                                  |
| Gloss                   | ISO 2813, 20°  | 1 %                                    |
| Dimensional stability   | DIN 30646  | 0.3 mm. max                            |
| Adhesion, initial       | FINAT FTM-1, stainless steel                                   | 600 N/m                                |
| Adhesion, ultimate      | FINAT FTM-1, stainless steel                                   | 750 N/m                                |
| Flammability            |  | Self extinguishing                     |
| Accelerating ageing     | DIN 53587, 500h exposure                                       | No negative impact on film Performance |
| Shelf life              | Stored at 22° C/50-55 % RH                                     | 2 years                                |
| Durability <sup>2</sup> | Laminated with DOL 3300 or DOL 3500<br>Laminated with DOL 4300 | 1 year<br>2 years                      |

**Only when printed with ENCAD GO, HP and Colorspan pigmented ink and when properly applied in accordance with our application instructions. Only applicable for vertical exposure.**

## Temperature range

| Features                | Results        |
|-------------------------|----------------|
| Application temperature | Minimum: +10°C |
| Service temperature     | -20°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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