

## PRODUCT DATA SHEET



# Avery® MPI™ 2150

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### Introduction

Avery **Multi Purpose Inkjet** media 2150 is a lustre white translucent PVC film with a permanent adhesive. It is suitable for use on a variety of super wide format inkjet and airbrush printers using solvent ink.

### Description

Film : 90 micron white translucent PVC film  
Adhesive : **permanent**, acrylic based  
Backingpaper : Kraft paper, 140 g/m<sup>2</sup>

### Conversion

Avery MPI 2150 is multi-purpose PVC film, developed for use on super wide format printers using solvent based inks.

Avery **MPI-A 2150** rolls are reverse wound on a special core with 4 notches.

In Avery Technical Bulletin 5.15, printer compatibility details of Avery Media are listed.

To enhance colour and protect images against UV radiation and abrasion, Avery MPI 2150 is recommended to be overlaminated with Avery® DOL 2000 Gloss, Avery® DOL 2100 Matt or Avery® DOL 2200 Lustre. For an overview of recommended combinations of DOL films and media, please refer to "Technical Bulletin 5.3. Recommended combinations of Avery® Overlaminates and Avery® Digital Print Media".

### Uses

- Graphics for internally illuminated signs.
- Window decorations and graphics.

### Features

- Excellent printability and handling on selected printers
- Easy conversion because of dimensionally stable special backing.
- Excellent colour uniformity in reflected and transmitted light.
- Excellent durability.
- Excellent adhesion.



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## PRODUCT CHARACTERISTICS

Avery® MPI™ 2150

### Physical properties

#### Features

Caliper, facefilm  
Caliper, facefilm + adhesive  
Dimensional stability  
Tensile strength  
Gloss  
Adhesion, initial  
Adhesion, ultimate

#### Test method<sup>1</sup>

ISO 534  
ISO 534  
DIN 30646  
DIN 53455  
ISO 2813, 20°  
FINAT FTM-1, stainless steel  
FINAT FTM-1,  
PMMA  
Glass  
Polystyrene  
Stainless steel

#### Results

90 micron  
120 micron  
0,3 mm max.  
27 N/mm<sup>2</sup>  
15%  
±70% of the ultimate values  
900 N/m  
860 N/m  
900 N/m  
900 N/m  
No negative impact on film performance  
2 years  
5-7 years

Accelerated ageing

DIN 53387  
1500 hours exposure  
Stored at 22 °C/50-55 % RH

Shelf life

Vertical exposure

Durability, unprinted

### Temperature range

#### Features

Minimum application temperature:  
Service temperature:  
Heat resistance:

#### Test method<sup>1</sup>

3 weeks exposure at 80° C

#### Results

+ 10 °C  
- 50 °C to + 110 °C  
No negative impact on film performance

#### 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. In case of any ambiguities or differences between the English and foreign versions of these Conditions, the English version shall be controlling.

#### 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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