

PRODUCT DATA SHEET



Avery® MPI™ 2150

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Introduction

Avery **M**ulti **P**urpose Inkjet media 2150 is a gloss 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/m²

Conversion

Avery MPI 2150 is multi-purpose PVC film, developed for use on super wide format printers using solvent based inks. In Avery Technical Bulletin 5.15, printer compatibility details of Avery Media are listed.

To enhance colour and protect the image against UV radiation and abrasion, Avery MPI 2150 is recommended to be overlaminated with one of the Avery DOL films.

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 method¹

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/mm²
15%
±70% of the ultimate values

Accelerated ageing

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

900 N/m
860 N/m
900 N/m
900 N/m
No negative impact on film performance
2 years
5-7 years

Temperature range

Features

Minimum application temperature:
Service temperature:
Heat resistance:

Test method¹

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.

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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