

PRODUCT DATA SHEET



Avery® IPM 6551 Perforated Window Film

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Introduction

Avery IPM 6551 Perforated Window Film is a perforated, calendered film with a black reverse side for use on glass substrates.

Avery IPM 6551 PWF has a unique ink receptive coating for perfect print properties. After printing this film features two way vision combined with one side visible graphics.

Description

Facefilm: 200 micron, topcoated polymeric plasticised black white, perforated vinyl

Adhesive: removable, acrylic based

Backing paper: stable liner for easy conversion

Features

- 1.5 mm holes for superior 2 way vision : 50 % open area
- Excellent outdoor durability.
- High dimensional stability.
- Excellent printability.
- High adhesion level on glass substrates.

Recommendations for use

- All types of 2-way vision graphics on vehicles, buildings glass panels, glass doors.
- Continuous, uninterrupted vehicle graphics covering painted and window areas.
- Large size graphics on building windows that still provide sufficient interior daylight.

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 dispatched 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. The recommended DOL is the Avery DOL 4100 to protect the printed graphic.

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

Compatibility

Avery IPM 6551 PWF is compatible with a broad selection of inkjet printers, when printing with dye, water based inks. For specific details refer to "[Technical Bulletin 5.6 Avery Dennison Inkjet Print Media - Printer compatibility](#)".



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PRODUCT CHARACTERISTICS

Avery® IPM 6551 Perforated Window Film

Physical properties

Features	Test method ¹	Results
Caliper, facefilm	ISO 534	200 micron
Dimensional stability	DIN 30646	0,5 mm max.
Adhesion, ultimate	FINAT FTM-1, glass	400 N/m
Removability		up to 1 year**
**Not when applied to: Nitrocellulose paints, ABS, Polystyrene, screenprinting inks (fresh), certain types of PVC, Polycarbonate or PMMA.		
Shelf life	Stored at 22° C/50-55 % RH	1 year
Durability (printed) ²	Vertical exposure	6 months when overlaminated with DOL 4100 and edgesealed

Temperature range

Features	Results
Minimum application temperature:	+ 10° C
Temperature range:	- 20° to +70° C

Chemical properties

If not overlaminated, Avery Perforated Window Film is resistant to water, humidity, solvents, most mild acids, alkalies and salt. Due to the open structure of the film, exposure should be limited to an absolute minimum. Overlaminated Avery Perforated Window Film has the same resistance to chemical substances as the overlaminated film.

Avery Perforated Window Film is also resistant to most commonly used cleaning detergents, provided that thorough rinsing is following the recommended exposure to the cleaning detergents.

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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