

Avery Dennison® MPI 3151 Promotional Translucent

Satin White Translucent Calendered Vinyl Removable

Features

- Good printability on eco-solvent, solvent, UV curable printers
- Easy application to a wide variety of rigid light box substrates
- Easy conversion because of dimensionally stable backing.
- Good colour uniformity in reflected and transmitted light
- Specially designed for short term, less demanding applications

Description



Film: 80 micron satin white translucent calendered vinyl



Adhesive: Removable acrylic



Backing:
Kraft paper, 125g/m²



Outdoor life:** 2 years (unprinted)

Application surface: Flat

Conversion*

- | | |
|---|---|
| <input type="checkbox"/> Flat bed cutters | <input type="checkbox"/> Cold overlaminating |
| <input type="checkbox"/> Friction fed cutters | <input type="checkbox"/> Electrostatic printing |
| <input type="checkbox"/> Die cutting | <input type="checkbox"/> Latex inkjet |
| <input type="checkbox"/> Thermal transfer | <input checked="" type="checkbox"/> Eco solvent inkjet |
| <input type="checkbox"/> Screen printing | <input checked="" type="checkbox"/> Solvent inkjet |
| <input type="checkbox"/> Offset printing | <input checked="" type="checkbox"/> UV curable inkjet |

*Always test with your combination of printer and inks prior to commercial use.

Common Applications

- Illuminated signs
- Window graphics

Application

- Refer to Instructional bulletin 1.05 Procedures for Acrylic & Polycarbonate Preparation.

Uses

Avery MPI 3151 is a semi-gloss white translucent PVC film with a removable adhesive. Specially designed for short term, less demanding applications. It is suitable for use on a variety of super wide format inkjet and airbrush printers using solvent ink.

Physical characteristics

General

Calliper, face film	ISO 534	86 micron
Calliper, face film and adhesive	ISO 534	111 micron
Dimensional stability^^	FINAT FTM 14	0.4mm max
Gloss	ISO 2813, 20°	15%
Adhesion, Initial	FINAT FTM-1, stainless steel	600N/m
Adhesion, Ultimate	FINAT FTM-1, stainless steel	800N/m
Removability^^^		Up to one (1) year
Flammability		Self extinguishing
Shelf life	Stored at 22° C/50-55 % RH	2 years
Accelerated aging	DIN 53387 1000 hours exposure	No negative impact on film performance
Durability **	Vertical exposure	Up to 2 years unprinted

^^ Note: Total ink loads in excess of 250% may cause increased shrinkage of the printed film.

^^^ Not when applied to: Nitrocellulose paints, ABS, Polystyrene, screen printing inks (fresh), certain types of PVC

Chemical

Chemical resistance	Resistant to most mild acids, alkalis, and salt solutions.
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Thermal

Application temperature	Minimum: + 10°C
Temperature range	- 50°C to + 110°C
Heat resistance	3 weeks exposure at 80 °C No negative impact on film performance

Note:

Materials have to be properly dried and cured before further processing, like laminating, varnishing, trimming, contour cutting or application. The residual solvents can otherwise change the products' specific features and properties.

Important

Information on physical 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 any material for their specific use.

All technical data is subject to change without prior notice.

Warranty

Avery Dennison® 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 guarantee, warranty, or make any representation contrary to the foregoing.

All Avery Dennison® materials are sold subject to the above conditions, being part of our standard conditions of sale, a copy of which is available on request.

**Durability

Durability is based on exposure conditions in the normal middle European and central North American regions. Actual performance life will depend on substrate preparation, exposure conditions and maintenance of the marking. For instance, in the case of signs facing north in the southern hemisphere or south in the northern hemisphere; in areas of long high temperature exposure such as northern Australia; in industrially polluted areas or high altitudes, exterior performance will be decreased. Please refer to Avery Dennison Instructional Bulletin 1.3 for definitions and reductions based on the 'Zone System'.

*Compatible with most media and ink combinations. Test prior to use.