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DTF TRANSFERS & DRUCK

TeraPrint Produktunterlage

Gebrandete TeraPrint-Downloadunterlage

PRODUKT	Avery® MPI 1105 EA
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Originalinhalt ab der Folgeseite

PRODUCT DATA SHEET

Avery Dennison® MPI™ 1105 Wrapping series

issued: 10/2020

Introduction

Avery Dennison MPI 1105 Wrapping series films are gloss white, premium quality self-adhesive cast vinyls. The films are ultra-conformable and opaque, and offer excellent durability and conformability. Combined with a DOL 1460/1480 Z series overlaminate, Avery Dennison MPI 1105 Wrapping films are highly recommended for applications on rivets and corrugations. In addition, MPI 1105 Wrapping films are available with Easy Apply RS™ technology with the air-egress feature and maximum slideability and repositionability.

Description

Film:	50 micron gloss white cast vinyl
Adhesive:	Permanent, acrylic based with grey tie coat and long term removability properties
Backing paper:	
MPI 1105 Gloss	Two side PE coated StaFlat™ paper, 155g/m2
MPI 1105 EA RS Gloss	Two side PE coated StaFlat™ paper, 155g/m2

Conversion

MPI 1105 Wrapping films are ultra-premium products, delivering maximum durability for a wide range of graphics applications. The films are suitable for use on a variety of super-wide format inkjet printers using solvent, eco solvent, UV or latex ink.

To enhance colour and to protect images against UV radiation and abrasion, it is recommended to protect Avery Dennison MPI 1105 Wrapping films using an overlaminate - Avery Dennison DOL 1460 Z Gloss or Avery Dennison DOL 1480 Z Matt conformable overlaminates.

For recommended combinations of DOL films and media, please refer to "Technical Bulletin 5.3". Recommended combinations of Avery Dennison Overlaminates and Avery Dennison Digital Print Media". For information on how to apply Avery Dennison MPI Cast Films, please refer to "Technical Bulletin 5.9. Application methods for Avery Dennison Cast Films".

Uses

- Large fleet graphics on flat, curved, riveted and corrugated surfaces
- Vehicle wrapping applications
- Interior & exterior signs
- Durable advertising, requiring clean removal after intended period of use

Features

- Superb 3D conformability for demanding vehicle and fleet wrapping projects
- Faster, easier installation with Avery Dennison Easy Apply RS technology
- Stunning and consistent image quality on a variety of printers using solvent, eco solvent, UV or latex inks
- Clean long-term removability after years of usage
- Maximum outdoor durability, up to 10 years unprinted

PRODUCT CHARACTERISTICS

Avery Dennison® MPI™ 1105 Wrapping Series

Physical properties

Features		Test method[1]	Results
Caliper, facefilm		ISO 534	50 micron
Caliper, facefilm + adhesive		ISO 534	80 micron
Elongation, reference value		DIN 53455	200 %
Dimensional stability		FINAT FTM 14	0.4 mm max
Opacity			> 99%
Adhesion			
MPI 1105	initial	FINAT FTM-1, stainless steel	300 N/m
	ultimate	FINAT FTM-1, stainless steel	650 N/m
MPI 1105	initial	FINAT FTM-1, stainless steel	280 N/m
Easy Apply RS	ultimate	FINAT FTM-1, stainless steel	420 N/m
Flammability			Self-extinguishing
Shelf life		Stored at 22° C/50-55 % RH	2 years
Durability, unprinted		Vertical exposure	10 years

Temperature range

Features	Results
Minimum application temperature:	≥ 10 °C
Service temperature:	- 40 °C to + 80 °C

NOTE: Materials have to be properly dried before further processing, for example laminating, varnishing or application. The residual solvents could change the products' specific features.

For good print and converting result we recommend to let the rolls acclimatize in the print/lamination room at least 24 hours before printing or converting. Too much temperature or humidity deviation between material and room climate can cause layflatness and/or printability issues.

Generally, constant material storage conditions of ideally 20°C (+/-2°C) /50% RH (+/- 5%), without too big climate deviations, will support a more robust and stable printing/converting process. For further details, please refer to TB 1.11.

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.

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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