

PRODUCT DATA SHEET

Avery Dennison[®] Intermediate Wrapping Film

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Introduction

Avery Dennison Intermediate Wrapping Film is a high quality calendered film designed for use in fleetmarking and corporate identification applications providing enhanced ease-of-use during application.

Entrapped air can easily be removed without the need to punch the face film. The easy-to-apply feature offers the benefits of faster wrapping of vehicles. Avery Dennison Intermediate Wrapping Film is recommended for use on flat to slightly curved surfaces.

Conversion

- Product is designed primarily for wrapping purposes and is easy to size by manual cutting during application.

Recommendations

- Large fleet wrapping on flat or slightly curved surfaces.
- Corporate identity enhancement

Features

- Excellent application characteristics: positionable adhesive, allowing easy removal of entrapped air.
- Slow adhesion build up permits corrections during application.
- Time saving due to ease of application.
- Film application without the use of application tape.
- Excellent dimensional stability.
- Product width 1,52m.
- Excellent outdoor durability, humidity and saltspray resistance.
- Excellent removability after the completion of the period of use.



Face Film

70 micron polymeric plasticised vinyl film



Adhesive

Permanent, transparent acrylic based with Easy Apply Technology



Backing

Two sides polycoated Kraft (PCK) liner, 141 g/sqm



Durability

Black & White 7 years; Colours 5 years; Metallics 3 years



Shelf Life

2 years Stored at 22° C/50-55 % RH

Physical Characteristics

	Test method ¹	Results
Product		
Caliper, facefilm (micron)	ISO 534	70
Caliper, facefilm + adhesive (micron)	ISO 534	100
Dimensional stability (mm max.)	FINAT FTM 14	0,30
Flammability		self-extinguishing
Accelerated ageing	SAE J 1960, 1500h exposure	No negative impact on film performance
Shelf life (years)	Stored at 22° C/50-55 % RH	2
Durability ² (years)	Vertical exposure	Black & White 7 years; Colours 5 years; Metallics 3 years
Adhesive		
Adhesion, initial (N/m)	FINAT FTM-1, stainless steel	300
Adhesion, ultimate (N/m)	FINAT FTM-1, stainless steel	550
Temperature range		
Application temperature (Minimum: °C)		+10
Service temperature (°C to +°C)		-40 to +100
Chemical properties³		
Humidity resistance	120 hours exposure	No effect
Saltspray resistance	120 hours exposure	No effect
Water resistance	48 hours immersion	No effect
Chemical resistance	applied to aluminium: 1 hour diesel oil immersion 4 hours antifreeze immersion	No effect

Important

Information on physical and chemical characteristics and values in this document are based upon tests we believe to be reliable and do not constitute a warranty. 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 this document, the English version shall be prevailing and leading.

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.

3) Prolonged immersion in gasoline and similar fluids is not recommended.

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