PRODUCT DATA SHEET

Avery Dennison® Intermediate Wrapping Film

Powered by Easy Apply Technology issued: 12/2014

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.

Description

Facefilm : 70 micron polymeric plasticised vinyl film
Adhesive : permanent, transparent acrylic based with Easy Apply Technology
Backing paper : two sides polyolefine coated kraft paper, 150 g/sqm

Conversion

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

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 up to 1,52m.
- Excellent outdoor durability, humidity and saltspray resistance.
- Excellent removability after the completion of the period of use.

Recommendations for use

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

PRODUCT CHARACTERISTICS Avery Dennison® Intermediate Wrapping Film

Physical properties

Features	Test method[1]	Results
Caliper, facefilm	ISO 534	70 micron
Caliper, facefilm + adhesive	ISO 534	100 micron
Dimensional stability	FINAT FTM 14	0,30 mm. max
Adhesion, initial	FINAT FTM-1, stainless steel	300 N/m
Adhesion, ultimate	FINAT FTM-1, stainless steel	550 N/m
Flammability		self-extinguishing
Accelerated ageing	SAE J 1960, 1500h exposure	No negative impact on film performance
Shelf life	Stored at 22° C/50-55 % RH	2 years
Durability[2]	Vertical exposure	
Black & White		7 years
Colours		5 years
Metallics		3 years

Temperature range

Features	Results
Application temperature	Minimum: +10° C
Temperature range	- 40° to + 100°C

Chemical resistance

Features	Test method[1]	Results
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	No effect
	4 hours antifreeze immersion	No effect

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 Dennison® 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 Dennison® 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.