

PRODUCT DATA SHEET

Avery Dennison® Supreme Wrapping Film

Powered by Easy Apply RS™ Technology

issued: 20/10/2015

revision: 5

Introduction

Avery Dennison® Supreme Wrapping Film is a premium quality cast vinyl film for use in the vehicle wrap market where a high quality film finish is desired. The adhesive with patented Easy Apply RS™ technology allows faster positioning and air-bubble free film application, as well as long term removability after the intended period of use. Compared to the standard permanent adhesive this Easy Apply RS feature helps to make experienced applicators become even more productive, resulting in cost efficient applications.

Description

Facefilm: 80 micron dual-layer premium quality cast vinyl

Adhesive: permanent, transparent acrylic, long term removable with Easy Apply RS technology

Backing paper: poly-coated kraft paper, 150 g/sqm

Features

- Very high gloss, satin or matt “paint-like” finish
- Excellent 3D conformability on concave and convex shapes including deep channels
- Easy- Apply functionality helps eliminate bubbles and wrinkles
- Repositionable and slideable technology enables faster installations
- Excellent Long Term Removability (LTR) of the film during the lifetime of the applied product
- REACH compliant standard colour range (EC1907/2006)
- Outstanding durability and outdoor performance
- Coloured film and protective layer in one construction

Recommendations for use

- Full vehicle wraps to update the vehicle look or brand with company colours
- Wrapping of other objects where a flexible and highly conformable product is required

Conversion

Avery Dennison® Supreme Wrapping Film is especially developed for wrapping or total covering of objects. Cutting for the purpose of preparing sizes or shapes for the ease-of-wrapping or to further improve efficiency has proven to be feasible. However, signcutting of letters and graphics is not recommended, one is advised to use Avery Dennison® 900 Super Cast.

Avery Dennison® Colour Matching:

A fast colour matching service is offered for projects where specific colour needs cannot be matched from the standard colour range. For supply conditions please consult your Avery Dennison representative.

PANTONE® Cross-references:

A range of Pantone-approved colours can be offered for ease of use for designers and signmakers. PANTONE® is the property of Pantone, Inc.

Patent registration:

US6,630,049, US7,060,351, US7,344,618, US7,332,205, EP1276605, EP1282472



Graphics
Solutions

graphics.averydennison.eu

PRODUCT CHARACTERISTICS Film

Avery Dennison® Supreme Wrapping

Physical properties

Features	Test method ¹	Results
Caliper, facefilm	ISO 534	80 micron
Caliper, facefilm + adhesive	ISO 534	110 micron
Tensile strength	DIN 53455	1,4 kN/m
Elongation at break	DIN 53455	200 %
Gloss	ISO 2813, 20°	60 % min
Dimensional stability	DIN 30646	0,2 mm max
Adhesion, initial	FINAT FTM-1, stainless steel	350 N/m
Adhesion, ultimate	FINAT FTM-1, stainless steel	500 N/m
Flammability		Self extinguishing
Accelerated ageing	SAE J 2527, 2000 hrs exposure	No negative impact on film performance
Shelf life	Stored at 22° C/50-55 % RH	2 years
Durability ²	Vertical exposure	
White + Black		12 years
Colours		10 years
Metallic / Pearl		5 years

Temperature range

Features	Results
Application temperature	Minimum: +10° C
Service temperature	-50° C to +110° C

Chemical properties

Features	Test method ¹	Results
Humidity resistance	120 hours exposure	No effect
Corrosion resistance	120 hours exposure	No contribution to corrosion
Water resistance	48 hours immersion	No effect
Chemical resistance	Applied to aluminium	No effect exposed to : oil, greases, motor oils, mild acids and alkalis.

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 24h. 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.

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.