

PRODUCT DATA SHEET



GRAPHICS

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Avery® Supreme Wrapping Film

Powered by Easy Apply RS™ Technology

Introduction

Avery® Supreme Wrapping Film is a premium quality cast vinyl film for use in the vehicle market where high quality film finish and cost effective wrapping is required. The adhesive with Easy Apply RS™ Technology features an easy application mechanism which 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 of Avery 900® Super Cast series this Easy Apply feature helps to make experienced applicators become even more productive, resulting in cost efficient applications.

Description

Facefilm: 80 micron premium quality cast vinyl
Adhesive: permanent, transparent acrylic based on Easy Apply RS technology
Backing paper: poly-coated kraft paper, 150 g/sqm

Features

- Very high gloss super conformable film in combination with new adhesive technology.
- Unique and patented adhesive technology (see patent registration data below).
- Excellent application characteristics: positionable adhesive with easy removal of entrapped air.
- Excellent Long Term Removability (LTR) of the film during the lifetime of the applied product.
- Complete standard colour range is REACH compliant (EC1907/2006).
- Standard colour range with colours comparable to existing Avery 900 Super Cast colour numbers.
- Film application without the use of any application tape.
- Outstanding durability and outdoor performance due to dirt repellent film characteristics.

Recommendations for use

- Total vehicle wrapping
- Application on convex, concave and compound curved surfaces without the need to make incisions.
- Any other object wrapping, where a flexible and conformable product is required.

Conversion

- Avery® 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® 900 Super Cast.

Avery® 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



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PRODUCT CHARACTERISTICS

Avery® Supreme Wrapping Film

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	180 %
Gloss	ISO 2813, 20°	60 % min
Dimensional stability	DIN 30646	0,2 mm max
Adhesion, initial	FINAT FTM-1, stainless steel	400 N/m
Adhesion, ultimate	FINAT FTM-1, stainless steel	500 N/m
Flammability		Self extinguishing
Accelerated ageing	SAE J 2527, 2000 hours 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		6 years

Temperature range

Features	Results
Application temperature	Minimum: +7° 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.

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® 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® 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.



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