

## PRODUCT DATA SHEET

# Avery Dennison® Supreme Wrapping Film

Powered by Easy Apply RS™ Technology

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revision: 6

### 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

## PRODUCT CHARACTERISTICS Film

## Avery Dennison® Supreme Wrapping

### Physical properties

#### Features

Caliper, facefilm  
Caliper, facefilm + adhesive  
Tensile strength  
Elongation at break  
Gloss  
Dimensional stability  
Adhesion, initial  
Adhesion, ultimate  
Flammability  
Accelerated ageing

#### Test method<sup>1</sup>

ISO 534  
ISO 534  
DIN 53455  
DIN 53455  
ISO 2813, 20°  
DIN 30646  
FINAT FTM-1, stainless steel  
FINAT FTM-1, stainless steel  
ISO 4892-2

#### Results

80 micron  
110 micron  
1,4 kN/m  
200 %  
60 GU min  
0,2 mm max  
350 N/m  
500 N/m  
Self extinguishing  
No negative impact on film performance  
2 years  
12 years  
10 years  
5 years

Shelf life

Durability<sup>2</sup>

White + Black  
Colours  
Metallic / Pearl

Stored at 22° C/50-55 % RH  
Vertical exposure

### Temperature range

#### Features

Application temperature  
Service temperature

#### Results

Minimum: +10° C  
-50° C to +110° C

### Chemical properties

#### Features

Humidity resistance  
Corrosion resistance  
Water resistance  
Chemical resistance

#### Test method<sup>1</sup>

120 hours exposure  
120 hours exposure  
48 hours immersion  
Applied to aluminium

#### Results

No effect  
No contribution to corrosion  
No effect  
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. In case of any ambiguities or differences between the English and foreign versions of these Conditions, the English version shall be controlling.

### Warranty

All Avery Dennison statements, technical information and recommendations are based on tests believed to be reliable but do not constitute a guarantee or warranty. All Avery Dennison products are sold with the understanding that purchaser has independently determined the suitability of such products for its purposes.

All Avery Dennison's products are sold subject to Avery Dennison's general terms and conditions of sale, see <http://terms.europe.averydennison.com>

### 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.