

# PRODUCT DATA SHEET

## Avery Dennison<sup>®</sup> SL 6560

Issued: 07/2022

### Introduction

Avery Dennison SL 6560 is a premium quality, flexible film designed for use as a protective overlamine film for digitally printed images where a sustainable PVC-free solution is required. SL 6560 offers exceptional high gloss, superior 3D conformability, and color durability.

SL 6560 is providing an overall paint-like finish to printed graphics. **The film is supplied with a protective layer on in order to protect the face film. It is recommended to remove the protective layer after the lamination step and minimum 24hrs before the application to the final substrate.**



#### Face Film

38 µm high gloss polyurethane film, clear, flexible



#### Adhesive

Permanent, acrylic based, clear



#### Backing

White kraft paper, 135 g/m<sup>2</sup>



#### Durability

8 years



#### Shelf Life

2 years

### Conversion

Keep the PET protective sheet during lamination and remove the PET protective sheet afterward.

When removed, we recommend to wait minimum 24 hours before the final application. This will minimize the chance of the film adhering to itself.

For further information about recommended laminator settings please refer to TB 5.4.

For processing tips and reference guides please refer to Technical Bulletins:

- » 5.3 Recommended combinations and durability of Avery Dennison MPI/SP and Avery Dennison DOL/SL Series Films
- » 5.10 Application of Avery Dennison PVC-free Wrapping Film

### Recommendations

Protective overlamine film for digitally printed images for indoor and outdoor use where sustainable PVC-free solution is required. Avery Dennison SL 6560 series overlaminates can be used in combination with Avery Dennison SP 1504 EA, MPI 1405 EA RS, MPI 1105 series and MPI 1104 series media for application on corrugated or riveted surfaces for vehicle graphics and vehicle wrapping, outdoor architecture applications and all permanent applications requiring excellent conformability.

### Features

- » PVC free
- » Superior conformability to irregular substrates
- » Outstanding durability and outdoor performance, including excellent UV resistance
- » Excellent dimensional stability
- » Protecting printed graphics images against UV radiation and abrasion
- » Enhances color and depth of image with an eye-catching high gloss finish

## Physical Characteristics

	Test method <sup>1</sup>	Results
<b>Product</b>		
Caliper, facefilm (micron)	ISO 534	38
Caliper, facefilm + adhesive (micron)	ISO 534	75
Gloss (GU)	ISO 2813, 20°	90
Dimensional stability (mm max.)	FINAT FTM 14	0.2
Shelf life (years)	Stored at 22° C/50-55 % RH	2
Durability <sup>2</sup> (years)	Vertical exposure	8
Elongation (%), typical values	ISO 527-3	>150
Fire Classification Rating	EN 13501-1	B-s1, d0
<b>Adhesive</b>		
Adhesion, initial (N/m)	FINAT FTM-1, stainless steel	440
Adhesion, after 24 hours (N/m)	FINAT FTM-1, stainless steel	600
<b>Temperature range</b>		
Application temperature (min °C)		see TB 5.4
Service temperature (°C to +°C)		-40 - +80
<b>Chemical properties<sup>3</sup></b>		
Chemical resistance	Mild acids	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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