

PRODUCT DATA SHEET

Avery Dennison® SL 4530 Anti Graffiti

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Introduction

Avery Dennison SL 4530 Anti Graffiti is a high gloss overlaminating film that can be put on a wide range of (digitally) printed media.



Face Film

23 µm high gloss transparent polyester



Adhesive

Permanent, acrylic-based



Backing

One side coated bleached kraft paper, 140 g/m²



Durability

5 years



Shelf Life

2 years

Conversion

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
- » 5.4 Processing tips for Avery Dennison DOL&SL films

Recommendations

When laminating overprinted images, the used inks/toners should be thoroughly dry and free of (silicone) additives that might reduce/prevent proper adhesion of Avery Dennison SL 4530 Anti Graffiti.

Avery Dennison SL 4530 Anti Graffiti is an overlaminating film that protects durable images against permanent damage from graffiti, paints and UV light. Most commercially available graffiti removal fluids will allow the removal of graffiti without damaging Avery Dennison SL 4530 Anti Graffiti.

Features

- » PVC free
- » High clarity
- » Excellent adhesion
- » Allows easy removal of graffiti
- » +Used on images created by screenprinting or digitally printed images
- » Good resistance to UV radiation and outdoor exposure conditions
- » High abrasion resistance
- » Excellent dimensional stability
- » Good resistance to chemicals and solvents

Physical Characteristics

	Test method ¹	Results
Product		
Caliper, facefilm (micron)	ISO 534	23
Caliper, facefilm + adhesive (micron)	ISO 534	45
Dimensional stability (mm max.)	FINAT FTM 14	0.1
Shelf life (years)	Stored at 22° C/50-55 % RH	2
Durability ² (years)	Vertical exposure	5
Fire Classification Rating	EN 13501-1	B-s1, d0
Adhesive		
Adhesion, initial (N/m)	FINAT FTM-1, stainless steel	500
Adhesion, after 24 hours (N/m)	FINAT FTM-1, stainless steel	600
Temperature range		
Application temperature (Minimum: °C)		see TB 5.4
Service temperature (°C to +°C)		-40 - +80
Chemical properties³		
Chemical resistance	Mild acids	No effect
Solvent resistance	Mild alkalis	No effect
Solvent resistance	Applied to aluminum	No effect exposed to: oils, greases, aliphatic solvents, motor oils, heptane, kerosene and JP-4 fuel.

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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