

PRODUCT DATA SHEET

Avery Dennison® DOL 6040 Sparkle

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Introduction

DOL 6040 Sparkle is a premium quality, flexible, high gloss cast laminate film designed for use as a protective overlaminating film for digitally printed images. Due to its metallic flakes in the film, it provides a metallic look and high gloss finish for printed graphics.

DOL 6040 Sparkle in combination with our cast vinyl films offer the best protection against colour fading, UV radiation and abrasion which improves the durability of the image.

Conversion

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

- » 5.3 "Recommended combinations of Avery Dennison overlaminates and Avery Dennison Digital Print Media"
- » 5.4 "Processing tips for Avery Dennison DOL films"



Face Film

76 micron gloss cast vinyl



Adhesive

Permanent, clear acrylic based



Backing

Transparent Filmic Liner



Durability

3 years



Shelf Life

2 years

Recommendations

Protective overlaminating film for digital printed images on flat or curved substrates, for indoor and outdoor use.

Features

- » Premium quality, flexible, durable cast laminate
- » Sparkles in the film create a metallic finish on a printed graphic
- » High gloss finish
- » Enhances colour and depth of image
- » Improves durability of image (up to 3 years outdoors)
- » Protects against UV radiation and abrasion

Physical Characteristics

	Test method ¹	Results
Product		
Caliper, facefilm (micron)	ISO 534	76
Caliper, facefilm + adhesive (micron)	ISO 534	102
Gloss (GU)	ISO 2813, 20°	70
Dimensional stability (mm max.)	FINAT FTM 14	0.3
Shelf life (years)	Stored at 22° C/50-55 % RH	2
Durability ² (years)	Vertical exposure	3
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	650
Temperature range		
Application temperature (min °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 aluminium	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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