

Avery Dennison® DOL 6040

Clear Sparkle Laminate

Transparent Synthetic
Revision: 1 Dated: 07/27/17



Uses:

Avery Dennison DOL 6040 Clear Sparkle is a premium quality, flexible film designed for use as a protective overlamine film for screen and digitally printed decals. DOL 6040 Clear Sparkle provides a metallic look to standard printed decals. The gloss film features a synthetic liner that creates a super smooth high gloss finish.



Face: 3 mil (76 microns) cast film



Adhesive: Permanent Acrylic (clear)



Liner: 2 mil Transparent Synthetic



Durability: Up to 2 years

Application Surfaces: Flat, Simple Curves, and Complex Curves

*NOTE: Films constructions with thickness 4 mil (102 micron) and above may have reduced conformability.

Features:

- High gloss finish
- Sparkle in laminate provides metallic finish on printed graphic
- Protects image from scratches
- Enhances color and depth of image
- Good durability and outdoor performance
- Dimensionally stable
- Aids in application of printed graphic
- Excellent UV, temperature, humidity, and salt-spray resistance

Conversion:

- Cold Overlaminating
- Plotter Cut

Common Applications:

- Vehicle
- Marine/ Watercraft
- Wall Murals
- POP/ Tradeshow
- Window Graphics
- Outdoor Signage

Product Data Sheet

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Graphics Solutions

www.graphics.averydennison.com
Customer Service: 800-282-8379

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Physical Characteristics:

Property	Measurement	Typical Values
Caliper, face		3 mil (76 µm)
Caliper, adhesive		1.0mil (25 µm)
Dimensional stability		<0.015"(0.4mm)
Tensile at Yield		4.0 - 8.0 lb/in (0.7–1.5 kg/cm)
Elongation		100% min.
Gloss	Hunter Gloss @ 60 degrees	90 GU
Adhesion:	15 min 24 hr	3.0 lbs/in (525 N/m) 4.0 lbs/in (700 N/m)
Flammability	Self Extinguishing	
Shelf-Life		2 years from date of manufacture (when stored at the following temperatures and humidity conditions 68°-77° F (20° - 25° C) and 50±5% R. H.)
Durability	Vertical Exposure	Up to 2 years
Min. Application Temperature		40° F (4° C)
Service Temperature		-40° to 180°F (-40° to 82° C) (Reasonable range of temperatures which would be expected under normal environmental conditions).
Chemical resistance		Resistant to most mild acids, alkalis, and salt solutions including water. Resists Petroleum Vapors

Data represents average values where applicable, and is not intended for specification purposes.

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Warranty:

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Special Considerations:

When overlaminating UV printed graphics: Heat assist and increasing lamination pressure when applying the overlaminate will reduce the silvering that can occur when laminating UV printed graphics. Do not exceed 115° F (46° C) on the top or bottom roll. Roll pressure up to 100 psi may be used. When applying the overlaminate in this manner, use the minimum amount of unwind tension on the overlaminate to reduce stretching during application.

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Related Documents:

The following Avery Dennison® literature will provide complete information to the user for proper application, storage, and other requirements and is available upon request from your Avery Dennison representative or from the Avery Dennison website (www.graphics.averydennison.com).

Document Title	Reference Number
Substrate Cleaning and Preparation	Instructional Bulletin #1.10
Storage, Maintenance, and Cleaning of PVC Films	Instructional Bulletin #1.20
Warranty of Films	Instructional Bulletin #1.30
Cleaning and Maintenance of Vehicle Wraps	Instructional Bulletin #1.50
Tips for Overlaminating, Premasking & Packaging Graphics	Instructional Bulletin #5.50
Removal Instructions	Instructional Bulletin #4.10

Revisions are italicized

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