

Avery Dennison® SF 100 Specialty Metallized Films

Vinyl - Permanent – Kraft
(formerly: Specialty Metallized Vinyl Films)
Revision: 2 Dated: 04/24/17

Uses:

Avery *Dennison*® SF 100 Series Extruded PVC films are light diffracting metallized, UV-stabilized, rigid vinyl films designed for indoor and outdoor use in signs, decals, and POP displays. This material includes Engine Turn, Florentine and Diamond Plate patterns. Add this material to a sign or decal to give it a great eye-catching appeal.



Face: 3.0 mil (76 µm)
Metallized Rigid film



Adhesive: Clear Permanent
Acrylic



Liner: 78# Kraft



Durability: Up to 3 years

**Application
Surfaces:**

Flat,

Features:

- Outstanding durability and outdoor performance
- Dimensionally stable liner for easy converting
- Excellent conversion on CAD plotters
- Easy cutting & weeding
- Excellent dimensional stability
- Excellent UV, temperature, humidity, and salt-spray resistance
- Eye catching special effects

Conversion:

- Thermal Die-Cutting
- Flat Bed Sign-Cut
- Drum Roller Sign-Cut
- Steel Rule Die-Cutting
- Thermal Transfer

Common Applications:

- Architectural Signage
- Directional Signage
- Outdoor advertising
- Vehicle Graphics
- Nameplates
- Emblems

Product Data Sheet

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Graphics
Solutions

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

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Physical Characteristics:

Property	Typical Values	
Caliper, face	3.0 mil (76 µm)	
Caliper, adhesive	1.0mil (25 µm)	
Dimensional stability	<0.26%	
Tensile at Yield	NA	
Elongation	NA	
Gloss	NA	
Adhesion:	24 hr.	3.1 lbs/in (542 N/m)
	1 week	4.3 lbs/in (752 N/m)
Flammability	Self Extinguishing	
Shelf-Life	1 year	
Durability	Vertical Exposure	Up to 3 years
Min. Application Temperature	60° F (16° C)	
Service Temperature	-30° - 165°F (-34° - 74° C) (Reasonable range of temperatures which would be expected under normal environmental conditions).	
Chemical resistance	Resistant to most mild acids, alkalis, and salt solutions.	

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

Warranty:

This Warranty applies to the Product listed in this Data Sheet. All statements, technical information (including physical and chemical characteristics) and recommendations about Avery Dennison products are based upon tests believed to be reliable but do not constitute a guarantee or warranty. All Avery Dennison products are sold subject to the Purchaser's assent and agreement that Purchaser is responsible for, and has independently determined, the suitability of such products for its purposes or its customer's purposes. Avery Dennison graphics products are warranted to be free from defects in material and workmanship for two years from the date of manufacture. When the product is properly applied, the warranty period is as stated in the product's specific Product Data Sheet in effect at the time of shipment to Avery Dennison's customer.

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Colors & Expected Durability

Vertical Durability for Zone 1 vertical applications is noted in the chart below. Color samples are available from samples.graphics@averydennison.com, or through your sales or customer service contact. Reference Instructional Bulletin 1.30 for zones by geographic location.

KR = Kraft liner
SF = StaFlat liner

SF100 Specialty Series	Item #'s	Vertical Durability Zone 1 Years
SF100-259-S Perm KR Engine Turn Gold	2859S	2

Discontinued Colors:

SF100 Specialty Series	Item #'s	Vertical Durability Zone 1 Years	Date
<i>SF100-285-S Perm KR Small Engine Turn Gold</i>	<i>2858S</i>	<i>2</i>	<i>01/01/16</i>
<i>SF100-875-S Perm KR Silver Carbon Wave</i>	<i>3875S</i>	<i>3</i>	<i>01/01/16</i>
<i>SF100-174-S Perm KR Black Carbon Weave</i>	<i>3874S</i>	<i>3</i>	<i>01/01/16</i>

SF100 Specialty Series	Item #'s	Vertical Durability Zone 1 Years	Date
<i>SF100-874-S Perm KR Silver Illusion</i>	<i>2874S</i>	<i>2</i>	<i>01/01/16</i>
<i>SF100-872-S Perm KR Shimmer</i>	<i>2872S</i>	<i>2</i>	<i>01/01/16</i>
<i>SF100-891-S Perm KR Diamond Plate</i>	<i>2891S</i>	<i>2</i>	<i>01/01/17</i>

Pattern repeats:

Large Engine Turn: 2 cm circles overlapping (2 cm x 3.4 cm)

Revisions are italicized

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