

Avery Dennison® SF100 Leaf Films

Vinyl-Permanent-Kraft

Revision: 3 Dated: 06/27/18

Uses:

Avery Dennison SF100 Series Leaf films are metalized films with a three dimensional illusionary pattern. Avery Dennison SF100 Series Leaf films are coated with a permanent acrylic adhesive, which ensures excellent adhesion to a variety of surfaces throughout its long outdoor exposure.



Face: 4.0 mil (101 µm)
Metalized Rigid film



Adhesive: Clear Permanent Acrylic



Liner: 78# Kraft

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
- High end gold leaf look

Conversion:

- Thermal Die-Cutting
- Drum Roller Sign-Cut
- Steel Rule Die-Cut

Common Applications:

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

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Graphics
Solutions

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

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Physical Characteristics:

Property	Measurement	Typical Value
Caliper, face		4.0 mil (101 µm)
Caliper, adhesive		1.0 mil (25 µm)
Dimensional stability		Without liner <0.032" when exposed to 23C for 8 hours, and no more than 0.125" after 24 hrs, for a 9" square.
Tensile at Yield		8 lb/in width (1.5kg/cm)
Elongation		35% min.
Gloss	Hunter Gloss @ 60 degrees	NA
Adhesion:	24 hr	3.2 lbs/in (560 N/m)
Flammability		Self Extinguishing
Shelf-Life		1 years from the 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 3 years
Min. Application Temperature		50° F (10° C)
Service Temperature		-30° - 165°F (-34° to 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

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

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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 Leaf Vinyl	Item #'s	Vertical Durability Zone 1 Years
SF 100-863-S Perm KR Silver Leaf	5863S	3

SF100 Leaf Vinyl	Item #'s	Vertical Durability Zone 1 Years
SF 100-264-S Perm KR Gold Leaf	5864S	3

Discontinued Colors:

SF100 Leaf Vinyl	Item #'s	Vertical Durability Zone 1 Years	Date
SF 100-271-S Perm KR Hammered Gold Leaf	2871S	3	01/01/16
SF100-864-S Perm KR Florentine Silver Leaf	2863S	3	01/01/16

SF100 Leaf Vinyl	Item #'s	Vertical Durability Zone 1 Years	Date
SF100-265-S Perm KR Florentine Gold Leaf	2864S	3	01/01/17
SF 100-865-S Perm KR Hammered Silver Leaf	2870S	3	01/01/16

Revisions are italicized

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