

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

Page 1 of 3



Graphics
Solutions



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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:

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Product Data Sheet

Page 2 of 3



Graphics
Solutions

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Colors & Expected Durability

Vertical Durability for Zone 1 vertical applications is noted in the chart below. Color samples are available 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> | 2858S | 2 | 01/01/16 |
| <i>SF100-875-S Perm KR Silver Carbon Wave</i> | 3875S | 3 | 01/01/16 |
| <i>SF100-174-S Perm KR Black Carbon Weave</i> | 3874S | 3 | 01/01/16 |

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

Pattern repeats:

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

Revisions are italicized

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Product Data Sheet

Page 3 of 3



Graphics Solutions

