

# Avery Dennison® SF 100 Fluorescent Series

Permanent Kraft

(formerly: A0 Fluorescent Series – 78# )

Revision: 2 Dated: 04/24/17

## Uses:

Avery Dennison® Fluorescent cast vinyl films are designed for short-term exterior safety, promotional and high visibility applications. This construction provides an attractive appearance and easy cutting, weeding and transferring characteristics for promotional signage applications.



**Face:** 2.2 mil (56 microns) high gloss cast film



**Adhesive:** Permanent White Acrylic



**Liner:** 78# Bleached Kraft



**Durability:** 3-6 months

**Application Surfaces:**

Flat, Simple Curves

## Features:

- Short Term durability and outdoor performance
- Dimensionally stable liner for easy converting
- High gloss finish
- Excellent conversion on CAD plotters
- Easy cutting & weeding
- Good dimensional stability
- Good UV, temperature, humidity, and salt-spray resistance

## Conversion:

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

## Common Applications:

- Trailers
- Banners
- Short Term Applications
- Architectural Signage
- Directional Signage
- Indoor Signage
- Outdoor advertising

## Product Data Sheet

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### Physical Characteristics:

Property	Value
Caliper, face	2.2 mil (56 µm)
Caliper, adhesive	1.0mil (25 µm)
Dimensional stability	<0.015"(0.4 mm)
Tensile at Yield	4.0 -8.0 lb/in (0.7 – 1.5 kg/cm)
Elongation	50% min.
Gloss	90% ± 10
Adhesion: 24 hr	3.5 lbs/in (770 N/m)
1 week	4.0 lbs/in (600 N/m)
Flammability	Self Extinguishing
Shelf-Life	<i>2 years from date on label (up to 2 years unprocessed, OR process within one year and apply within 1 year of processing)</i>
Durability	Vertical Exposure 3-6 months
Min. Application Temperature	50° F (10° C)
Service Temperature	-50° - 180°F (-40° - 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.

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 through your sales or customer service contact. Reference Instructional Bulletin 1.30 for zones by geographic location.

KR = Kraft liner  
SF = StaFlat liner

SF100 Fluorescent Film	Item #'s	Vertical Durability Zone 1 Years
SF 00-229-S Perm KR Yellow Fluorescent	0829S	3-6 months
SF 100-330-S Perm KR Orange Fluorescent	0830S	3-6 months
SF 100-431-S Perm KR Red Fluorescent	0831S	3-6 months

SF100 Fluorescent Film	Item #'s	Vertical Durability Zone 1 Years
SF 100-631-S Perm KR Blue Fluorescent	0833S	3-6 months
SF 100-735-S Perm KR Green Fluorescent	0834S	3-6 months
SF 100-534-S Perm KR Magenta	0835S	3-6 months

## Discontinued Colors:

SF100 Fluorescent Film	Item #'s	Vertical Durability Zone 1 Years	Date
<i>SF 100-532-S Perm KR Pink Fluorescent</i>	<i>0832S</i>	<i>3-6 months</i>	<i>01/01/17</i>

*Revisions are italicized*

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