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 Flat, Simple Curves Surfaces:

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:

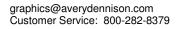
- Thermal Die-CuttingFlat Bed Sign-Cut
- Drum Roller Sign-Cut
- Steel Rule Die-Cutting

Common Applications:

- Trailers
 - Banners
- Architectural Signage
- Directional Signage
- Indoor Signage
- Outdoor advertising

- Short Term Applications
- 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		<0.015"(0.4 mm)		
stability 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		2 years from date on label (up to 2 years unprocessed, OR process within one year and apply within 1 year of processing)		
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.

Warranty:

This Warranty applies to the Product listed in this Data Sheet. All statements, technical information (including and chemical characteristics) physical 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.

Such time periods are subject in either case to the proper storing and application of said product, and the failure to properly store or apply the product, including without limitation the failure to follow any applicable Instructional Bulletin, negates any warranty. It is expressly agreed and understood that Avery Dennison's sole obligation and Purchaser's exclusive remedy under this warranty, under any other warranty, express or implied, or otherwise, shall be limited exclusively to: (a) repair or replacement of defective product without charge at Avery Dennison's plant or at the location of the product (at Avery Dennison's election), or (b) in the event repair or replacement are not commercially practical, a credit amount up to the price of the product taking into account the defect in the product in Avery Dennison's sole discretion.

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Product Data Sheet

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Graphics Solutions

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Permanent Kraft

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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 <u>samples.graphics@averydennison.com</u>, 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 Fluorescent Film	ltem #'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	ltem #'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	ltem #'s	Vertical Durability Zone 1 Years	Date
SF 100-532-S Perm KR Pink Fluorescent	0832S	3-6 months	01/01/17

Revisions are italicized

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