

Avery® SF 100 Perforated Window Film

White - Removable - StaFlat

(formerly: A1835-S Perforated Window Film)

Revision: New Dated: 1/6/2009

Uses:

Avery SF 100 series Perforated Window Film is a flexible calendered film with a removable black pigmented adhesive for use on way visual panels. Graphics printed on this material are visible from the front, and virtually “invisible” from the back when mounted on clear substrates like windows.



Face: 3.4 mil (85 µm)



Adhesive: Black Removable Acrylic



Liner: 90# StaFlat



Durability: Up to 2 years

Application Surfaces:

Flat

Features:

- Dimensionally stable liner for easy converting
- High gloss finish
- Excellent conversion on CAD plotters
- Easy cutting & weeding
- Excellent dimensional stability
- Excellent UV, temperature, humidity, and salt-spray resistance
- Available in clear, white, silvers, and golds

Conversion:

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

- Thermal Transfer
- Screen Printing (90#)
- Cold Overlaminating
- Water based inkjet

- Solvent based inkjet
- Mild/Eco Solvent inkjet
- UV inkjet

Common Applications:

Architectural Signage
Directional Signage
Promotional Advertising

Window Graphics
Trains & light rail

Outdoor advertising

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Physical Characteristics:

Property	Value
Caliper, face	3.4 mil (85 µm)
Caliper, adhesive	1.0mil (25 µm)
Dimensional stability	<0.03"(0.76mm)
Tensile at Yield	NA
Elongation	NA
Gloss	NA
Adhesion: 24 hrs.	4.0 lbs/in (600 N/m)
Flammability	Self Extinguishing
Shelf-Life	1 year
Durability	Vertical Exposure 1 year
Min. Application Temperature	50°F (10°C)
Service Temperature	-40° to 176°F (-40°C to 80°C)
Chemical resistance	Resistant to most mild acids, alkalis, and salt solutions.

Important:

Information on physical and chemical characteristics are based on tests believed to be reliable. The values are intended only as a source of information. This information is given without guaranty and do not constitute a warranty. The purchaser should independently determine, prior to use, the suitability of any material for their specific purpose. (Data represents average values where applicable, and is not intended for specification purposes)

Warranty:

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Colors: Cross Reference

A1835-S Perforated Window Film	SF 100-101-S Perforated Window Film		
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COMMENTS:

NOTE: Some color fade may occur in severe environmental areas. Reference IB 1.30 for durability guidelines.

Dimensional stability:

Is measured on a 6" x 6" (150 x 150 mm) aluminum panel to which a specimen has been applied; 72 hours after application the panel is scored in a cross pattern, exposed for 48 hours to 150°F (65°C), after which the shrinkage is measured.

Adhesion:

(FTM-1, FINAT) is measured by peeling a specimen at a 180° angle from a stainless steel panel, 24 hours after the specimen has been applied under standardized conditions. Initial adhesion is measured 15 minutes after application of the specimen.

Flammability:

A specimen applied to aluminum is subjected to the flame of a gas burner for 15 seconds. The film should stop burning within 15 seconds after removal from the flame.

Temperature range:

A specimen applied to stainless steel is exposed at high and low temperatures and brought back to room temperature. 1 hour after exposure the specimen is examined for any deterioration. Note: Prolonged exposure to high and low temperatures in the presence of chemicals such as solvents, acids, dyes, etc. may eventually cause deterioration.

Chemical Resistance:

All chemical tests are conducted with test panels to which a specimen has been applied. 72 hours after application the panels are immersed in the test fluid for the given test period. 1 hour after removing the panel from the fluid, the specimen is examined for any deterioration.

Revisions are italicized

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