Avery Dennison® SF 100 Paint Mask Films

Removable - Kraft
(formerly: A1800 Series Paint Masks)
Revision: 2 Dated: 10/29/14

Uses:

Avery Dennison® SF 100 Series Paint Masks are flexible calendered vinyl with removable adhesive, which will cleanly remove from most OEM surfaces up to 1 year, when removed promptly after painting and curing cycles. SF 100-235-S can be used for high temperature bake cycles.

Face: calendered film
-128 & -231:3.4 mil
-235: 3.2 mil

Adhesive: Clear Removable Acrylic

Liner: 78# Kraft

Durability: Up to 1 year

Application Surfaces: Flat

Features:

- Dimensionally stable liner for easy converting
- Excellent UV, temperature, humidity, and salt-spray resistance
- Short Term Promotional Applications
- Easy cutting and weeding for crisp paint lines
- Removable from most OEM paints
- Clean removability when used with most paint cycles

Conversion:

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

Common Applications:

- Sign Stencils
- OEM Stencils
- Removable Letters

Product Data Sheet

AVERY DENNISON | Graphics Solutions

averygraphics.com
AnswerLine: 800-231-4654

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Physical Characteristics:

Property		Value
Caliper, face	235-H. Bake 128, 231	3.2 mil (81 µm) 3.4 mil (86 µm)
Caliper, adhesive		1.0mil (25 µm)
Dimensional stability		<0.15"(3.8 mm)
Tensile at Yield		NA
Elongation		100% min.
Gloss	*-128 & -231* *-235*	*Matte* *Semi-Gloss*
Adhesion:	24 hrs.	2.2 lbs/in (385 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	Up to 1 year
Min. Application Temperature		40° F (4° C)
Service Temperature		SF-100 -128 & 231: not designed for use in conjunction with paint baking cycles. SF-100-235 -40° to +200°F (-40° to +94°C). Yellow paint mask is able to withstand mild paint baking cycles up to +200°F
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

SPECIALTY SERIES - 78#	AVERY Dennison 100 SPECIALTY FILMS REMOVABLE KRAFT	SPECIALTY SERIES - 78#	AVERY Dennison 100 SPECIALTY FILMS REMOVABLE KRAFT
A1828-S White Paint Mask A1829-S Yellow Paint Mask	SF 100-128-S White Paint Mask SF 100-231-S Yellow Paint Mask	A1830-S Yellow Paint Mask	SF 100-235-S High Bake Yellow Paint Mask

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. One 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. One hour after removing the panel from the fluid, the specimen is examined for any deterioration.

Revisions are italicized

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