Avery® SF 100 Paintmask Films

Removablet - Kraft
(formerly: A1800 Series Paintmasks)
Revision: New Dated: 1/6/2009

Uses:

Avery Graphics™ SF 100 Series Paint Masks are flexible calendered vinyls 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: 3.4 mil calendered film
-235: 3.2 mil calendered film

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	☐ Thermal Transfer	☐ Solvent based inkjet
☒ Flat Bed Sign-Cut	☐ Screen Printing	☐ Mild/Eco Solvent inkjet
☒ Drum Roller Sign-Cut	☐ Cold Overlaminating	☐ UV inkjet
☒ Steel Rule Die-Cutting	☐ Water based inkjet	

Common Applications:

Sign Stencils	OEM Stencils	Removable Letters

Product Data Sheet

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Physical Characteristics:

Property		Value
Caliper, face	235-H. Bake	3.2 mil (81 µm)
	128, 231	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		Glossy
Adhesion:	24 hrs.	2.2 lbs/in (385 N/m)
Flammability		Self Extinguishing
Shelf-Life		1 year
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℉ (-40° to +94℃). Yellow paint mask is able to withstand mild paint baking cycles up to +200℉
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)

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Colors: Cross Reference

SPECIALTY SERIES - 78#	AVERY 100 SPECIALTY FILMS REMOVABLE KRAFT	SPECIALTY SERIES - 78#	AVERY 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. 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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