Avery Dennison®SF 100 Ultra Clear Polyester

Removable Polyester

(formerly: PX2003 Ultra Clear Removable)
Revision: 7 Dated: 05/31/16

Uses:

Avery Dennison® SF 100 -103 Ultra Clear is a water clear film featuring a printable polyester face. SF 100 -103 Ultra Clear is ideal for applications such as printed window or decorative decals that require a removable clear film.

Face: 2.0 mil (51µm) glossy polyester

Adhesive: Removable Acrylic (clear)

Liner: 5 mil polyester

Durability: Up to 2 Year Outdoor
Up to 5 year Indoor

Application Surfaces: Flat, simple curves

Features:

- High gloss
- Great image clarity and color pop
- Dimensionally stable liner for easy converting
- Screen printable
- Offset printable
- UV Digital printable film
- Super clear film and adhesive

Conversion:

- Flat Bed Sign-Cut
- Drum Roller Sign-Cut
- Steel Rule Die-Cutting
- Screen Printing
- UV inkjet
- Latex Inkjet

Common Applications:

- POP/ Tradeshow
- Window Graphics
- Outdoor Signage

Product Data Sheet

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Physical Characteristics:

Property		Value
Caliper, face		2.0 mil (51µm)
Caliper, adhesive		1.0mil (25 µm)
Dimensional stability		<0.015"(0.38 mm)
Tensile at Yield		
Elongation		
Gloss	Hunter Gloss @ 60	<16
Adhesion: 15 min.		1.0 lbs/in (175 N/m)
24 hr		1.5 lbs/in (262 N/m)
Removability		1 year
Flammability		Self Extinguishing
Shelf-Life		2 years from date of manufacture when stored at the following temperatures and humidity conditions 68°-77° F (20° - 25° C) and 50±5% R. H.
Durability	Vertical Exposure	Outdoor Up to 2 years *Indoor Up to 5 years (does not include applications exposed to direct sunlight through glass such as those near windows and doors)*
Min. Application Temperature		50° F (10° C)
Service Temperature		-40° to 180°F (-40° to 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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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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