Avery Dennison[®] UC MPI 1060 Gloss

Transparent

Permanent StaFlat[™] (formerly: MPI 1020) Revision: 5 Dated: 12/02/13



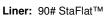
Uses:

Avery *Dennison®* UC MPI 1060 Gloss Transparent film is a premium quality, flexible, high gloss conformable vinyl film designed for use in architectural, transportation, and general signage markings.



Adhesive: Permanent Acrylic

Face: 2.1 mil (53 microns)high



gloss cast film

(clear)



Durability: Up to 9 years (unprinted)

ApplicationFlat, Flat with Rivets,Surfaces:Corrugations, Complex Curves

Features:

- High gloss finish
- Superior conformability to irregular substrates
- Outstanding durability and outdoor performance
- Dimensionally stable liner for easy converting
- Excellent dimensional stability
- Meets CPSIA standards for limitations on lead and phthalates

Conversion:

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

- **Common Applications:**
 - Backlit Signs
 - POP/ Tradeshow
- Window Graphics
- Outdoor Signage
- Floor Graphics

Product Data Sheet

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Graphics and Reflective Solutions

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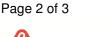
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Physical Characteristics:

Caliper, face 2.1 mil (53μm) Caliper, adhesive 1.0mil (25 μm) Dimensional stability <0.15"(0.4mm) Dimensional stability <0.15"(0.4mm) Note: Ink loads in excess of 250% may cause increased shrinkage of the printed film. Tensile at Yield 4.0 - 8.0 lb/in (0.7–1.5 kg/cm) Elongation 100% min. Gloss Hunter Gloss 90 Q 60 3.0lbs/in (525 N/m) 24 hr. 4.0lbs/in (700 N/m) Flammability Self Extinguishing Shelf-Life 2 years from date on label (up to 2 years unprocessed, OR process within on eyear and apply within 1 year of processing) Durability Vertical Exposure Unprinted – 9 years Min. Application 40° F (4° C) Temperature -40° - 180°F (-40° - 82° C) Service -40° - 180°F (-40° - 82° C) Temperature (Reasonable range of temperatures which would be expected under normal environmental conditions). Chemical resistance Resistant to most mild acids, alkalis, and salt solutions.	Property		Value
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Product Data Sheet



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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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Dimensional stability:

Is measured on a 6" x 6" ($150 \times 150 \text{ mm}$)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 $150 \,^{\circ}\text{F}$ ($65 \,^{\circ}\text{C}$), 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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Product Data Sheet

