

# Avery Dennison<sup>®</sup> MPI 2125 Easy Apply<sup>™</sup>

Long Term Removable

Revision: 1 Dated: 09/23/14

## Uses:

Avery Dennison MPI 2125 Easy Apply Calendered Vinyl film is a flexible matte calendered vinyl. MPI 2125 Easy Apply offers exceptional value for applications requiring premium calendered film durability combined with long-term removable adhesive performance. MPI 2125 Easy Apply offers the benefits of reduced wrinkling and air entrapment inherent in the application of decals.



**Face:** 3.4 mil (86 microns) matte calendered



**Adhesive:** Long Term Removable Acrylic (*clear*)



**Liner:** Easy Apply 90# StaFlat



**Durability:** Up to 5 years (unprinted)

## Application Surfaces:

Flat, simple curves (restricted to non-spill areas)

## Features:

- Air egress technology helps eliminate wrinkles and bubbles
- Matte finish
- Outstanding durability and outdoor performance
- Dimensionally stable liner for easy converting
- Clean removability

## Conversion:

- Thermal Die-Cutting
- Flat Bed Sign-Cut
- Drum Roller Sign-Cut
- Steel Rule Die-Cutting
- Solvent based inkjet
- Mild/Eco Solvent inkjet
- UV inkjet
- Latex Inkjet

## Common Applications:

- Fleet
- Vehicle
- POP/ Tradeshow
- Window Graphics
- Outdoor Signage

## Product Data Sheet

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## Physical Characteristics:

Property		Value
Caliper, face		3.4 mil (86 microns)
Caliper, adhesive		1.0mil (25 µm)
Dimensional stability		<0.065"(1.651 mm)
		Note: Ink loads in excess of 250% may cause increased shrinkage of the printed film.
Tensile at Yield		
Elongation		Min 100%
Gloss	@ 60	< 25%
Adhesion	15 min.	2.5lbs/in (450 N/m)
	24 hr.	3.1 lbs/in (550 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	Unprinted – 5 years
Min. Application Temperature		50° F (10° C)
Service Temperature		-50° - 176°F (-45° - 80° C) (Reasonable range of temperatures which would be expected under normal environmental conditions).
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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## **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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