

Avery Dennison[®] MPI 2120 Matte

Permanent / Removable StaFlat™

(formerly: MPI 2010)

Revision: 5 Dated: 04/11/16

Uses:

Avery Dennison MPI 2120 Matte film is a flexible calendared vinyl film. MPI 2120 offers exceptional value for applications requiring premium calendared film durability combined with a permanent or removable adhesive performance.



Face: 3.4 mil (86 microns) matte calendared



Adhesive: Clear Acrylic



Liner: 90# StaFlat™



Durability: Up to 6 years (unprinted)

Application Surfaces:

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

Features:

- 100% opacity, completely covers whatever is underneath
- Matte finish
- Outstanding durability and outdoor performance
- Great image clarity and color pop
- Dimensionally stable liner for easy converting
- ICC profiles available on Avery Dennison's website (<https://avery-us.color-base.com>)
- ASTM E84 Class 1 or A rating

Conversion:

- Solvent based inkjet
- UV inkjet
- Latex Inkjet
- Mild/Eco Solvent inkjet

Common Applications:

- Fleet
- POP/ Tradeshow
- Floor Graphics
- Wall Murals
- Outdoor Signage

Product Data Sheet

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Graphics
Solutions

graphics.averydennison.com
Customer Service: 800-282-8379

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Physical Characteristics:

Property		Value
Caliper, face		3.4 mil (86µm)
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		
Gloss	Hunter Gloss @ 60	<16
Adhesion: 15 min.	Permanent	4.7 lbs/in (831 N/m)
Removability		Permanent
Flammability	ASTM E84 Class 1 or A rating	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	Unprinted – 6 years Printed – Up to 5 years
Min. Application Temperature		50° F (10° C)
Service Temperature		-50° to 180 °F (-45° 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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Removability:

Avery Dennison does not guarantee removability from the following substrates:

- Surfaces with poor paint-to-substrate adhesion
- Wallboard
- Existing graphics that must remain intact; damage to existing graphic when film is removed
- Aged paint or metal that may have surface oxidation or chalking
- Outdoor, horizontal surfaces

Revisions are italicized

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