

# Avery Dennison® MPI 2920 / 2922 / 2923 Matte Calendered

Permanent / Removable StaFlat

Revision: 6 Dated: 09/06/17

## Uses:

Avery Dennison MPI 2920, 2922 and 2923 Matte are tough, scuff-resistant, flexible white promotional calendered vinyl film. MPI 2920, 2922 and 2923 Matte offers an economical choice for applications requiring an economy-calendered film with permanent or removable adhesive performance.



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



**Adhesive:** Permanent Acrylic (clear)  
MPI 2920 – Permanent (clear)  
MPI 2922 – Removable (gray)  
MPI 2923 – Permanent (gray)



**Liner:** 90# StaFlat

**Application Surfaces:** Flat, simple curves (restricted to non-spill areas)

## Features:

- Consistent printability
- Great image clarity and color pop
- Opaque
- Dimensionally stable liner for easy converting
- ICC profiles available on Avery Dennison's website (<https://avery-us.color-base.com>)

## Conversion:

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

## Common Applications:

- Fleet (flat & simple curve only)
- Vehicle (flat & simple curve only)
- Wall Murals
- POP/ Tradeshow
- Outdoor Signage
- Floor Graphics
- Ice Rink Boards / Dasher Boards

## Product Data Sheet

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Graphics  
Solutions

[www.graphics.averydennison.com](http://www.graphics.averydennison.com)  
Customer Service: 800-282-8379

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### Physical Characteristics:

Property	Measurement	Typical Value
Caliper, face		3.4 mil (97 µm)
Caliper, adhesive		1.0mil (25 µm)
Dimensional stability		<0.025"(0.66 mm) Note: Ink loads in excess of 250% may cause increased shrinkage and/or increased initial adhesion of the printed film
Tensile at Yield		
Elongation		
Gloss	Hunter Gloss @ 60 degrees	55
Adhesion:	15 min (permanent) 15 min (removable)	5.5 lbs/in (962 N/m) 2.5 lbs/in (438 N/m)
Removability	MPI 2922	3 years from most substrates. Surface must be sealed.
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	<b>Removable</b> Unprinted – 3 years Printed – Up to 2 years <b>Permanent</b> Unprinted – 5 years Printed – Up to 4 years
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

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Data represents average values where applicable, and is not intended for specification purposes.

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Revisions are italicized

### Patent Registration:

US6,630,049, US7,060,351, US7,344,618, EP1276605, EP1282472  
Avery Dennison® is a registered trademark of Avery Dennison Corporation  
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