

Avery Dennison® MPI 2077 Luster Transparent

Ultra Removable Transparent Synthetic

Revision: 6 Dated: 04/07/22

Uses:

Avery Dennison MPI 2077 Luster Transparent is a unique construction ideal for changeable interior or exterior window graphics, including retail promotions, company identification, point-of-purchase displays, and doorway signs and decals. The ultra-removable adhesive is designed for easy and clean removability from glass.



Face: 4 mil (102 microns) matte



Adhesive: Ultra Removable Acrylic (clear)



Liner: 1.5 mil (38 microns) clear polyester

Application Surfaces: Flat

Features:

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

Conversion:

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

To achieve the best possible print quality, please make sure the correct ICC Profile and printer setting are used.

Common Applications:

- Window Graphics

Product Data Sheet

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

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Physical Characteristics:

Property	Measurement	Typical Value
Caliper, face		4 mil (102 µm)
Caliper, adhesive		1.0mil (25 µm)
Dimensional stability		<0.065"(1.651 mm) Note: Ink loads in excess of 250% may cause increased shrinkage and/or increased initial adhesion of the printed film
Gloss	Hunter Gloss @ 60 degrees	40-50 GU
Adhesion:	Glass 24 hr	1 lb/in (25 N/m)
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	<i>Up to 1 year exterior</i> <i>Up to 3 years when applied to interior side of window</i>
<i>Removability</i>		<i>Up to 1 year</i>
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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Special Considerations:

Because of the unique properties and varieties of glass, special considerations must be considered for windows and graphic applications. Avery Dennison accepts no liability for glass breakage.

- Glass absorbs heat when exposed to sunlight. The degree of absorption across windows can vary because of shading, heating, and cooling ventilation, and insulation from window frames. These temperature differences across the window produce stress, which can cause glass breakage. The ability of glass to resist breakage because of temperature stress is affected by window size, glass thickness, glass treatments, quality, and design.
- Window cleaning methods also vary, from the type of cleaners used, to the washing methods employed. Specific chemicals used in window cleaners may affect the adhesion of pressure-sensitive graphics. Power washing methods may impact the adhesion of graphics, if the water pressure or temperature exceeds the graphic's adhesion capability. Power washing is not recommended for MPI 2077.

Related Documents:

The following Avery Dennison literature will provide complete information to the user for proper application, storage, and other requirements and is available upon request from your Avery Dennison representative or from the Avery Dennison website (www.graphics.averydennison.com).

Document Title	Reference Number
Substrate Cleaning and Preparation	Instructional Bulletin #1.10
Storage, Maintenance, and Cleaning of PVC Films	Instructional Bulletin #1.20
Warranty of Avery Dennison Films	Instructional Bulletin #1.30
Screen printing Ink Recommendations Cast, Reflective, Calendered and Specialty Products	Instructional Bulletin #3.00
Multi Purpose InkJet OEM Qualification Matrix, Durability Reference, & Troubleshooting Guide	Instructional Bulletin #5.80

Revisions are italicized

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