

Avery Dennison® Auravate Decorative Window Films

- Dual Vapor Gradient, Fluted Deco, Ash Linen

Revision: 0

Dated: 08/20/24

Uses:

Avery Dennison® Auravate Decorative Window Films Dual Vapor Gradient, Fluted Deco and Ash Linen are Architectural Decorative Polyester Films applied as a retrofit on existing glass to provide an enhanced decorative upgrade to plain, clear glass at a fraction of the cost of glass replacement. For use on architectural doors, windows and other flat glass applications.



Face: Polyester
Dual Vapor Gradient: 4 mil (100 µm)
Fluted Deco & Ash Linen: 2 mil (10 µm)



Adhesive: Clear, Acrylic Pressure Sensitive



Release Liner: Silicone Coated PET
Dual Vapor Gradient: 3 mil (75 µm)
Ash Linen: 2 mil (50 µm)
Fluted Deco: 1.2 mil (30 µm)

Application Surfaces: Flat Glass
Dual Vapor Gradient & Fluted Deco: Interior
Ash Linen: Interior/Exterior

Features:

- Ideal for architectural applications requiring privacy or visual upgrades
- Premium tactile finish
- Outstanding durability and performance
- Clear PET release liner for optimal sample viewing
- Easy to install
- Excellent dimensional stability
- Excellent durability
- Designs that enhance plain glass
- Gradient frost finish on film edges for gradual privacy (dual vapor gradient)

Conversion:

- Cut out of box
- Wet-apply
- Trim on glass
- Cut with Film Handler

Common Applications:

- Decorative Aesthetics
- Privacy
- Partitions/Movable SmoothGlass Walls
- Conference Rooms
- Bathrooms

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Physical Characteristics:

Property	Measurement	Typical Value
Caliper, face		Dual Vapor Gradient: 4 mil (101 µm) Fluted Deco: 2 mil (50 µm) Ash Linen: 2 mil (50 µm)
Caliper, adhesive		0.8 to 1.0 mil (22 - 25 µm)
Flammability	ASTM E84	Class A
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	Reference Expected Durability section in this data sheet
Min. Application Temperature		40° F (4° 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		Avoid ammonia based cleaners

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

Related Documents:

The following Avery Dennison literature will provide necessary 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
Installation and Maintenance of Avery Dennison Architectural Window Film	Instructional Bulletin 7.00

Expected Durability

Vertical Durability applications are noted in the chart below. Samples are available from samples.graphics@averydennison.com, or through your distribution service contact.

Film	Application Location	Warranted Durability Zone 1 Vertical
Fluted Deco	Interior & Perimeter	5 years
Ash Linen	Interior/Exterior & Perimeter	5 years interior 3 years exterior
Dual Vapor Gradient*	Interior & Perimeter	5 years

*This film can be easily scratched during install, please refer to IB 7.00 for install guidelines to avoid scratching

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Optical and Solar Properties **

Glass	Applied on 1/8" (3mm) clear glass		
Product	Dual Vapor Gradient	Fluted Glass	Ash Linen
Visible Light Transmitted %	28	61	20
Visible Light Reflected (Int) %	27	--	--
Total Solar Energy Reflected %	--	8	--
Total Solar Energy Absorbed %	25	15	--
Total Solar Energy Rejected (TSER)%	38	--	--
Ultraviolet Rejected%	98	43	87
Shading Coefficient (SC)	0.55	--	--

**Performance results are calculated on 3 mm glass using NFRC methodology and LBNL Window 5.2 software, and are subject to variations in process conditions within industry standards and are only intended for estimating purposes.

Special Considerations:

Because of the unique properties and varieties of glass, special considerations must be considered for windows and Auravate Decorative Film 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 graphics adhesion capability.

Revisions are italicized

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