

Avery Dennison® PrismaPro™

Color Paint Protection Film

Revision: 0

Dated: 05/15/26

Uses:

Avery Dennison® PrismaPro™ is an advanced color change Paint Protection Film (PPF) designed for experienced installers who demand precision, efficiency, and a flawless, paint-like finish. Combining the stunning aesthetics of a premium wrap with the robust durability of PPF, PrismaPro™ offers exceptional protection and transformative style. The 8.5 mil construction is engineered with cutting-edge thermoplastic polyurethane (TPU) and adhesive technology, it guards against everyday hazards while delivering striking full-vehicle transformations, special effects, or protective accents.



Face Film: 7.5 mil (191 µm) gloss top coated polyurethane film



Adhesive: Permanent Acrylic (clear)



Liner: 4.5 mil Polyester



Durability: Up to 10 years



Shelf Life: 1 year

Application Surfaces: Flat, simple curves, and compound curves

Features

- IntelliTack™ adhesive technology
- Stunning, deep-gloss, paint-like finish
- Exceptional 3D conformability with cold stretch capability
- Robust self-healing performance
- Stain and chip resistance
- Long-term durability
- Dry-apply design with excellent adhesion
- Protective PET cap sheet on gloss for surface uniformity during transport*

Conversion

- Flatbed Sign-Cut*
- Sign-Cut*
- Hand Cutting*

*Must remove cap sheet

Common Applications

- Automotive
- Recreational Vehicles

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Physical Characteristics

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

Property	Measurement	Typical Value
Caliper, face		7.5 mil (191 µm)
Caliper, adhesive		1 mil (25 µm)
Dimensional stability		<0.0059" (0.15 mm)
Tensile at Break		Opaque - 20-25 lbs/in Metallic - 12-15 lbs/in
Elongation		>225%
Gloss	Hunter Gloss @ 60 degrees	Gloss - >90 GU
Adhesion	Stainless. 15 min 24 hr	2.5 lbs/in (438 N/m) 3.0lbs/in (525 N/m)
Flammability	FMVSS 302	Self Extinguishing
Shelf-Life		1 year from the 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 Horizontal Exposure	zone 1 zone 2 zone 3 10 8 6 8 6 5 Reference Instructional Bulletin #1.30 for zone map
Min. Application Temperature		60° F (16° C) Complex Curves
Service Temperature		-40° to 212°F (-40° to 100° C) (Reasonable range of temperatures which would be expected under normal environmental conditions).
Rock Chip Testing	SAE J400	Pass
Chemical resistance	Motor Oil Windshield Washer Fluid Water 20% Iron Oxide Rust Road Tar Black Spray Paint	24 hours - no significant change (after surface wiping with 90% IPA) 24 hours - no significant change (after surface wiping with 90% IPA) 24 hours - no significant change (after surface wiping with 90% IPA) 24 hours - no significant change (after surface wiping with 90% IPA) 24 hours - no significant change (after surface wiping with 90% IPA)
Compliance		California Proposition 65
MSDS		Article Letter

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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
Substrate Cleaning and Preparation	Instructional Bulletin #1.10
Warranty of Films	Instructional Bulletin #1.30
Cleaning and Maintenance of Vehicle Wraps	Instructional Bulletin #1.50
Paint Protection Film Application	Instructional Bulletin #4.30
Application Instructions for PrismaPro™ Color Paint Protection Film	Instructional Bulletin #4.40

Application

PrismaPro Color Paint Protection Film is designed for application on solid surfaces such as passenger vehicles and recreational vehicles.

If using PrismaPro Color Paint Protection Film on applications other than passenger vehicles or recreational vehicles it is up to the installer to test and determine suitability for use.

Avery Dennison PrismaPro Color Paint Protection Film is designed for application on to solid surfaces such as passenger vehicles and buses.

Important Note: Never use a wet application method to apply this film.

Some slight color shift may occur between rolls or lots, therefore, minimizing the mixing of rolls/lots on a specific vehicle is encouraged. If multiple rolls are needed to be sure to use only rolls from the same production lot.

All vehicle substrates must be cleaned according to Avery Dennison recommended cleaning practices as outlined in [Instructional Bulletin #1.10](#) "Substrate Cleaning and Preparation".

Due to the unique finish and manufacturing process of metallic and pearlescent films, variances in color can be visible when the material is oriented in different directions. When utilizing metallic, pearlescent and Color Flow films, always keep the application direction of the film consistent with the orientation of the film when cut from the roll and applied to the vehicle. One roll should be used per vehicle, wherever possible to minimize any possible color shifts between rolls or lots.

See Instructional Bulletin #4.40 "Dry Apply PPF Guidelines" for complete application recommendations. For cleaning and care recommendations see [Instructional Bulletin #1.50](#).

NOTE: PrismaPro Series is designed as a wrap film. Cutting for the purpose of preparing sizes or shapes has proven to be feasible. However, sign cutting of letters and graphics is not recommended.

Important Note: Only use Avery Dennison recommended cleaning products and solutions (noted in [Instructional Bulletin #1.50](#)). Cleaning and maintenance products should conform to the following:

- Free from abrasive components

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- Ideally pH balanced, thus not highly acidic or alkaline (pH level between 5 and 9)
- Free from alcohol (non isopropyl), acids, ammonia, chlorine, glycol ethers, harmful detergents, petroleum distillates and phosphates

Unsuitable Uses

This Avery Dennison product is not designed or recommended for the following uses. Unsuitable applications or exposure conditions include, but is not limited to:

- Paint that is not thoroughly cured or dried
- Low surface energy substrates (i.e. Tedlar® coatings, rubber, unpainted plastic etc)
- Substrate surfaces that are not clean and smooth (little or no variation in texture)
- Painted substrates with poor paint-to-substrate, or paint-to-paint bond
- Stainless steel
- Film applied to non-Avery Dennison Films
- Film applied to pre-existing graphics (pre-approval required)
- Watercraft below the static water line
- Watercraft which are not edge sealed
- Non-OEM painted vehicles
- Graphic removal from paint with poor adhesion or existing graphics
- Graphics exposed to oil, harsh chemicals, or gasoline vapors or spills
- Graphics where application tape must adhere to liner
- Sign cutting of letters and graphics

Removability

Within the limit of its expected lifetime and if applied on properly cured car paint, Avery Dennison Paint Protection Film can be removed with nominal adhesive residue. Clean removability is not warranted, and removability performance will be compromised when film is applied on existing graphics, non OEM paint or other type of surface rather than car paint.

Avery Dennison does not warrant removability from the following substrates:

- **Surfaces with poor paint-to-substrate adhesion**
- **Wallboard (painted or unpainted)**
- **Pre-existing graphics that must remain intact; damage to existing graphic when film is removed**
- **Improperly cured paint**
- **Oxidized or chalked substrates**
- **Stainless Steel**

Avery Dennison makes no warranty for:

- **Paint/Clear Coat Staining: Avery Dennison does not warrant vehicle paint staining that may be visible after removing material which has cracked or discolored. At the first sign of a change in the surface of the material contact your Avery Dennison Sales or Technical Representative.**
- **Ease or speed of removal of any graphic**
- **Removal from automotive paint that is greater than 5 years old**

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- Removal from paint that is improperly cured
- Removal from aged paint or metals, surface oxidation or chalking; user must test, approve, and accept liability for such applications
- Saltwater marine applications
- Marine applications below the water line

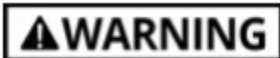
Durability

Durability is the period of time the product is expected to perform satisfactorily when applied vertically or horizontally in any zone or region., provided that the film is properly stored, converted and installed in accordance with Avery Dennison guidelines. The term of Avery Dennison's warranty is equal to the product's durability.

Abrasion and Loss of Gloss are not covered by any Avery Dennison Warranty. These changes are considered normal wear and tear.

Other factors which may reduce the durability of this product series include: surface texture, surface preparation, application method, angle and direction of the sun, environmental conditions, cleaning & maintenance.

Products containing petroleum distillates or solvents such as soaps, waxes, or protective coatings, void any warranty, and may cause premature failure of the material.



WARNING Failure to install the film in full compliance with Avery Dennison's installation instructions may result in personal injury or property damage. Read and follow all instructions when installing the film.

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Warranty:

This Warranty applies to the Product listed in this Data Sheet. All statements, technical information (including physical and chemical characteristics) and recommendations about Avery Dennison products are based upon tests believed to be reliable but do not constitute a guarantee or warranty. All Avery Dennison products are sold subject to the Purchaser's assent and agreement that Purchaser is responsible for, and has independently determined, the suitability of such products for its purposes or its customer's purposes. Avery Dennison products are warranted to be free from defects in material and workmanship (i) for two years from the date of manufacture, or (ii) from the date of manufacture until the expiration of the period stated on the specific Product Data Sheet in effect at the time of delivery. Such time periods are subject in either case to the proper storing and application of said product, and the failure to properly store or apply the product, including without limitation the failure to follow any applicable Instructional Bulletin, negates any warranty. It is expressly agreed and understood that Avery Dennison's sole obligation and Purchaser's exclusive remedy under this warranty, under any other warranty, express or implied, or otherwise, shall be limited exclusively to: (a) repair or replacement of defective product without charge at Avery Dennison's plant or at the location of the product (at Avery Dennison's election), or (b) in the event repair or replacement are not commercially practical, a credit amount up to the price of the product taking into account the defect in the product in Avery Dennison's sole discretion.

THE WARRANTY EXPRESSLY SET FORTH ABOVE IS IN LIEU OF ANY OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR ANY PARTICULAR USE AND/OR NON-INFRINGEMENT. SELLER SPECIFICALLY DISCLAIMS AND EXCLUDES ALL OTHER SUCH WARRANTIES. NO WAIVER, ALTERATION, ADDITION OR MODIFICATION OF THE FOREGOING CONDITIONS SHALL BE VALID UNLESS MADE IN WRITING AND MANUALLY SIGNED BY AN OFFICER OF AVERY DENNISON.

AVERY DENNISON'S LIABILITY FOR DEFECTIVE PRODUCTS SHALL NOT EXCEED THE PURCHASE PRICE PAID THEREFORE BY PURCHASER AND IN NO EVENT SHALL AVERY DENNISON BE RESPONSIBLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES WHETHER FORESEEABLE OR NOT, CAUSED BY DEFECTS IN SUCH PRODUCT, WHETHER SUCH DAMAGE OCCURS OR IS DISCOVERED BEFORE OR AFTER REPLACEMENT OR CREDIT, AND WHETHER OR NOT SUCH DAMAGE IS CAUSED BY AVERY DENNISON'S NEGLIGENCE.

All sales and contracts for sale of Products are subject to Purchaser's assent and agreement to this Warranty. Avery Dennison hereby objects to any terms or conditions contained in any purchase order or other communication of any kind from the Purchaser that is conflicting, inconsistent or additional to this Agreement.

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