# Avery Dennison® Neo™ Paint Protection Film

Revision: 5

Dated: 10/12/26

## Uses:

Avery Dennison® Neo™ is a unique line of wet-apply color Paint Protection Film (PPF) engineered to deliver both striking aesthetics and robust vehicle protection. This innovative series uses advanced polyurethane (TPU) and adhesive technology to guard against everyday hazards. With Neo, you can create stunning full transformations, special effects, or protective accents with an exceptional finish.

Neo™ Noir Gloss Black: Delivers an ultra-deep, high gloss, mirror-like black finish.

Neo™ Matte Black: Transforms any vehicle surface into a sleek and smooth matte black.

Caliper - 8.5 mil

**Face Film:** 6.5 mil (165 micron) gloss top coated polyurethane film

**Adhesive:** Permanent Acrylic (clear)

**Liner:** 3 mil Polyester

**Durability:** Up to *7 years*

**Shelf Life:** 2 year

**Application Surfaces**: Flat, simple curves, and compound curves

## Features

- Superior Gloss and Matte finish
- Exceptional 3D conformability
- Enhanced tear strength
- Robust self-healing performance
- Stain and yellowing resistance
- Long-Term durability
- Excellent adhesion designed for wet application
- Protective PET cap sheet on gloss helps maintain 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 | | 6.5 mil (165 µm) |
| Caliper, adhesive | | 2 mil (50 µm) |
| Dimensional stability | | <0.0059” (0.15 mm) |
| Tensile at Yield | | Tensile at break 23 lbs/in |
| Elongation | | >250% |
| Gloss | Hunter Gloss @ 20 degrees<br>Hunter Gloss @ 60 degrees | Gloss - >90 GU<br>Matte - <20 GU |
| Adhesion | Stainless. 15 min<br>24 hr | 2.6 lbs/in (455 N/m)<br>3.6 lbs/in (630 N/m) |
| Flammability | FMVSS 302 | Self Extinguishing |
| Shelf-Life | | 2 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<br>Horizontal Exposure | 7 years<br>7 years<br>NOTE: New Mexico, Nevada, Arizona, Colorado, Southern California, and Hawaii will have a 2-year reduction in durability |
| Min. Application Temperature | | 50° F (10° C) Flat & Simple Curves<br>60° F (16° C) Complex Curves<br>NOTE: When application temperatures are at the minimum recommended temperature, using a warm slip solution will help improve initial adhesion. |
| 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<br>Windshield Washer Fluid<br>Water 20% Iron Oxide Rust<br>Road Tar<br>Black Spray Paint | 24 hours - no significant change<br>24 hours - no significant change<br>24 hours - no significant change<br>24 hours - no significant change (after surface wiping with 90% IPA)<br>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 |
| Cleaning and Maintenance of Vehicle Wraps | Instructional Bulletin #1.50 |
| Paint Protection Film Application | Instructional Bulletin #4.30 |

## Application

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

If using Avery Dennison 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.

## 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.