

PRODUCT DATA SHEET

Avery Dennison® Color Paint Protection Films

Issued: 03/2026

Introduction

Avery Dennison Color Paint Protection Film is a specially engineered film designed to deliver a deep, high-gloss finish for a paint-like look while simultaneously shielding vehicle surfaces from daily wear and tear. This vibrant collection offers premium conformability and adhesion, allowing the film to adapt to complex vehicle lines with ease. Featuring a top-coated surface for easier cleaning and maintenance, the film provides up to five years of reliable durability against critical parameters such as excessive discoloration and gloss changes.

Avery Dennison Color Paint Protection Film features a “self-healing” top coat that, when exposed to heat, allows small to medium scratches in the film to disappear. Designed for wet application, this film construction provides a new way to personalize and refresh a car’s appearance while protecting the underlying paint from UV rays, stone chips, bird droppings, and water stains. The film is available in a 1.52m x 20m roll size to ensure sufficient material is available for wrapping of even larger vehicles



Face Film

177 micron gloss color top-coated thermoplastic polyurethane (TPU) protected with PET sheet



Adhesive

Permanent, acrylic based



Backing

PET liner



Durability

Zone 1 vertical, 5 years



Shelf Life

1 year Stored at 22°C 50-55% RH

Conversion

Avery Dennison Color Paint Protection Film is designed for vehicle paint and painted surface protection purposes. It is easy to size by manual cutting during application or digital cutting plotters.

For more information please refer to TB. 6.1 Application Instructions for Avery Dennison™ Color Paint Protection Films

Note: Always remove the protective PET top sheet immediately after cutting material from the roll or before converting using a plotter or flatbed cutter. Always store unused material on the roll and tightly wound and secure.

Recommendations

- » Protection of the highly sensitive external surfaces of the vehicle, such as bumper, side mirrors, hood & wheel arches
- » Color and finish change possibilities to enhance the aesthetics of the car

Features

- » Color Paint Protection Film’s topcoat is engineered to maximize stain resistance and simplify the cleaning process;
- » Featuring a heat-activated topcoat, the film offers robust scratch resistance and the ability to self-repair minor surface abrasions;
- » Provides a durable barrier for painted surfaces against stone chips, road debris, insect stains, and environmental weathering;
- » Delivers exceptional visual depth, allowing for a complete color transformation with a high-quality finish that mimics original automotive paint;

- » Ensures up to 5 years of reliable protection, effectively preserving the integrity and aesthetic of the vehicle's original finish;
- » Constructed from premium-grade, highly conformable thermoplastic polyurethane (TPU) for seamless application and durability.

Physical Characteristics

	Test method ¹	Results	
Product			
Caliper, facefilm including topcoat (micron)	ISO 534	177	
Caliper, facefilm + adhesive (micron)	ISO 534	210	
Gloss (GU)	ISO 2813, 60°	>90	
Dimensional stability (mm max.)	FINAT FTM 14	0.15	
Shelf life (years)	Stored at 22° C/50-55 % RH	1	
Adhesive			
Tensile strength (MPa)	ISO 527	>18	
Elongation (%)	ISO 527	>300	
Adhesion, initial 180o 20 min (N/m)	FINAT FTM-1, stainless steel	>550	
Adhesion, ultimate 180° 72 hours (N/m)	FINAT FTM-1, stainless steel	>700	
Temperature range			
Application temperature (Minimum: °C)		10	
Service temperature (°C to +°C)		-40 to 100	
Chemical properties²			
	Visual Inspection after exposure to following test fluids		
Gasoline	30 mins	No significant change	
Car Wash solution	30 mins	No significant change	
Diesel	30 mins	No significant change	
Heptane	30 mins	No significant change	
10% Sulphuric Acid	30 mins	No significant change	
Motor Oil	30 mins	No significant change	
Solvent resistance	30 mins	No effect exposed to: Isopropyl Alcohol	
Other Tests			
Water Immersion	400h@40 °C	No significant change	
Durability			
	Zone 1	Zone 2	Zone 3
Vertical	5 Years	4 Years	2 Years
Horizontal	4 Years	2 Years	1 Year

Important

Information on physical and chemical characteristics and values in this document are based upon tests we believe to be reliable and do not constitute a warranty. They are intended only as a source of information and are given without guarantee and do not constitute a warranty. Purchasers should independently determine, prior to use, the suitability of this material to their specific use.

All technical data are subject to change. In case of any ambiguities or differences between the English and foreign versions of this document, the English version shall be prevailing and leading.

1) Test methods: More information about our test methods can be found on our website.

2) Prolonged immersion in gasoline and similar fluids is not recommended.

Avery Dennison warrants that its Products meet its specifications. Avery Dennison gives no other express or implied guarantees or warranties with respect to the Products, including, but not limited to, any implied warranties of merchantability, fitness for any particular use and/or non infringement. All Avery Dennison products are sold with the understanding that the purchaser has independently determined the suitability of such products for its purposes. The period of warranty is one (1) year from the date of shipment unless expressly provided otherwise in the product data sheet. All Avery Dennison's products are sold subject to Avery Dennison's general terms and conditions of sale, see <http://terms.europe.averydennison.com>.

Avery Dennison's aggregate liability to Purchaser, whether for negligence, breach of contract, misrepresentation or otherwise, shall in no circumstances exceed the price of the defective, non-conforming, damaged or undelivered Products which give rise to such liability as determined by net price invoices to Purchaser in respect of any occurrence or series of occurrences. In no circumstances shall Avery Dennison be liable to Purchaser for any indirect, incidental or consequential loss, damage or injury, including without limitation, loss of anticipated profits, goodwill, reputation, or losses or expenses resulting from third party claims.

© 2026 Avery Dennison Corporation. All rights reserved. Avery Dennison and all other Avery Dennison brands, this publication, its content, product names and codes are owned by Avery Dennison Corporation. All other brands and product names are trademarks of their respective owners. This publication must not be used, copied or reproduced in whole or in part for any purposes other than marketing by Avery Dennison.