

PRODUCT DATA SHEET

Avery Dennison® Paint Protection Film SPF Matte

Issued: 05/2026

Introduction

Avery Dennison Supreme Protection Film SPF-Matte is a premium engineered thermoplastic polyurethane film in transparent matte finish, designed to protect a vehicle's finish against stone chips, road debris, insect stains, small to medium scratches, chemical stains and weathering, without degrading the original paint. SPF-Matte has a "self-healing" top coat, which helps small scratches in the film disappear with heat, maintaining the pristine look of the vehicle.

Conversion

Avery Dennison Supreme Protection Film SPF-Matte is designed for vehicle paint and painted surface protection purposes and is easy to size by manual cutting during application or digital cutting plotters. It is also possible to apply SPF-Matte on top of pre-existing and applied Avery Dennison Supreme Wrapping Film. Material should be applied using the wet application method. For more information please refer to TB. 6.1



Face Film

165 micron, top-coated thermoplastic polyurethane (protected PET sheet is not included)



Adhesive

Permanent, UV resistant, solvent acrylic base



Backing

PET liner



Durability

Zone 1 vertical 10 years



Shelf Life

1 year Stored at 22°C 50-55 % RH

Recommendations

- » Protection of the highly sensitive external surfaces of the vehicle, such as bumper, side mirrors, hood & wheel arches
- » Protection of internal surfaces, such as luggage racks or chairs in busses or trains
- » Protection of surfaces in high traffic areas, such as reception desks, door impact areas, wall panels and more

Features

- » Top-coating - increases the resistance to external damages
- » "Self-healing" - helps small scratches in the film disappear with heat.
- » Up to 10 years protection- maintaining the quality of vehicle finish
- » Exceptional visual properties - enhancing the look of the vehicle
- » Premium grade, conformable thermoplastic polyurethane (TPU) film.

Physical Characteristics

	Test method	Results	
Product			
Caliper, facefilm (micron)	ISO 534	165	
Caliper, facefilm + adhesive (micron)	ISO 534	200	
Gloss (GU)	ISO 2813, 60°	15 GU	
Dimensional stability (mm max.)	FINAT FTM 14	0.15	
Shelf life (months)	Stored at 22° C/50-55 % RH	15	
Adhesive			
Tensile strength @break (MPa)	ISO 527	>20	
Elongation @break (%)	ISO 527	>200	
Adhesion, initial 180° 20 min (N/m)	FINAT FTM-1, stainless steel	>550	
Adhesion, ultimate 180° 72 hours (N/m)	FINAT FTM-1, stainless steel	>750	
Temperature range			
Application temperature (Minimum: °C)		10	
Service temperature (°C to +°C)		-40 to +100	
Chemical properties¹			
	Visual Inspection after exposure (immersion) to following test fluids		
Gasoline Resistance	30 min	No Significant Change	
Carwash solution	30 min	No Significant Change	
Anti-freeze	30 min	No Significant Change	
Diesel	30 min	No Significant Change	
Isopropyl Alcohol	30 min	No Significant Change	
Heptane	30 min	No Significant Change	
10% Sulphuric acid	30 min	No Significant Change	
Durability²			
	Zone 1	Zone 2	Zone 3
Vertical	10 Years	8 Years	6 Years
Horizontal	7 Years	4 Years	3 Years
Heat Aging	500 hrs @90 °C	No Significant Change	
Water Inmersion	400 hrs @40 °C	No Significant Change	

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

2) Durability: The durability is based on middle European exposure conditions. Actual performance life will depend on substrate preparation, exposure conditions and maintenance of the marking. For instance, in the case of signs facing south; in areas of long high temperature exposure such as southern European countries; in industrially polluted areas or high altitudes, exterior performance will be decreased..

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.