

PRODUCT DATA SHEET

Avery Dennison® 7555 Exterior Blackout Film

Issued: 12/2020

Introduction

Avery Dennison 7555 Exterior Blackout Film is a general purpose film to realize extra protection and additional design options of vehicle exteriors.

Conversion

Avery Dennison 7555 Exterior Blackout Film can best be cut to size or shape means of die cutting. High frequency welding is an option to change surface characteristics such as gloss or grain. This allows for adding logos or other design options to the film surface without the need for printing.

Recommendations

- Avery Dennison 7555 Exterior Blackout Film can be applied to specific areas on the car exterior to enhance or add sportive design characteristics, while additional it protection of the car body against mechanical damages is realized.

- Avery Dennison 7555 Exterior Blackout Film should not be applied at areas where it can be exposed to (prolonged) dripping or immersion to gasoline, diesel oils etc.

- Avery Dennison 7555 Exterior Blackout Film should preferably be applied to vertical car parts.

Features

- Excellent protection characteristics.
- Excellent durability.
- Excellent high frequency welding characteristics
- Excellent adhesion to car paints.
- Allows application to slightly curved car exterior parts



Face Film

200 micron, specially modified, medium grained, vinyl film



Adhesive

permanent, UV resistant, acrylic based



Backing

one side coated bleached kraft paper, 140 g/m²



Durability

Vertical exposure 5 years



Shelf Life

2 years Vertical exposure

Physical Characteristics

	Test method ¹	Results
Product		
Caliper, facefilm (micron)	ISO 534	200 micron
Dimensional stability (mm max.)	FINAT FTM 14	0,3 mm max.
Shelf life (years)	Stored at 22° C/50-55 % RH	2
Durability ² (years)	Vertical exposure	5
Adhesive		
Adhesion, initial (N/m)	FINAT FTM-1, stainless steel	500
Adhesion, after ultimate (N/m)	FINAT FTM-1, stainless steel	720
Temperature range		
Application temperature (Minimum: °C)		10
Service temperature (°C to +°C)		-40 to +110
Chemical properties³		
Humidity resistance	20 hours exposure	No effect
Corrosion resistance	120 hours exposure	No contribution to corrosion
Chemical resistance	Mild acids	No effect
Solvent resistance	Mild alkalis	No effect
Solvent resistance	Applied to aluminium: Antifreeze, 4 hours immersion	No effect
Cleaning		Film withstands cleaning with hot water high pressure cleaning equipment.

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) 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.

3) 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.

© 2020 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.