# Avery Dennison<sup>®</sup> 7500 Films 7554 Exterior Blackout Film

# Introduction

Avery Dennison 7554 Exterior Blackout Film is a general purpose film which can be used in a wide variety of applications where a black film is desired for functional or design reasons. To a certain extend the film has protective properties. If a high protection to stone chipping is desired the transparent protection films from the 7500 range are to be selected.

## Description

Face film	Flexible polymeric plasticised PVC
Thickness	150 micron
Finish	Black, satin matt, embossed with a fine grain
Adhesive	permanent, UV resistant, acrylic based
Backing paper:	one side coated bleached kraft paper, 140 g/m <sup>2</sup>

## Conversion

- manual cutting
- computer cutting plotters
- die cutting

## Features

- excellent durability
- excellent adhesion to car paints
- good protection characteristics
- allows application to flat and slightly curved metal surfaces

## Usage

- in applications where a black film is desired for functional or design reasons such as on vehicles or in buildings
- should not be applied at areas where it can be exposed to (prolonged) dripping or immersion to gasoline, diesel oils etc.
- should preferably be applied to vertical surfaces
- See TB 3.20 for the application instructions



# **Physical properties**

Features	Test method <sup>1</sup>	Results
Caliper, facefilm	ISO 534	150 micron
Dimensional stability	DIN 30646	0,3 mm max.
Adhesion, initial	FINAT FTM-1, stainless steel	500 N/m
Adhesion, ultimate	FINAT FTM-1, stainless steel	720 N/m
Flammability		Selfextinguishing
Shelf life	Stored at 22° C/50-55 % RH	2 years
Durability <sup>2</sup>	Vertical exposure	5 years
Temperature range		

Minimum application temperature:10° CTemperature range:- 40° to +110	
Temperature range: - 40° to +110	
	С

### **Chemical properties**

Features	Test method <sup>1</sup>	Results
Humidity resistance	20 hours exposure	No effect
Corrosion resistance	120 hours exposure	No contribution to corrosion
Chemical resistance	Mild acids	No effect
	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 is based upon tests we believe to be reliable. The values listed herein are typical values and are not for use in specifications. 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.

Warranty Avery Dennison<sup>®</sup> branded materials are manufactured under careful quality control and are warranted to be free from defect in material and workmanship. Any material shown to our satisfaction to be defective at the time of sale will be replaced without charge. Our aggregate liability to the purchaser shall in no circumstances exceed the cost of the defective materials supplied. No salesman, representative or agent is authorised to give any guarantee, warranty, or make any representation contrary to the foregoing.

All Avery Dennison® branded materials are sold subject to the above conditions, being part of our standard conditions of sale, a copy of which is available on request.

### 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.

