

PRODUCT DATA SHEET

Avery Dennison® 900 Fluor Films

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Introduction

Avery Dennison® 900 Fluor Films increase the attention value of safety applications and advertising messages.

Description

Facefilm: 110 micron, premium quality two layer fluorescent cast vinyl
Adhesive: permanent, acrylic based
Backing paper: one side coated bleached kraft paper, 140 g/m²

Features

- Bright colours that provide excellent conspicuity.
- Excellent adhesion to a wide variety of substrates.
- Excellent dimensional stability.
- Avery Dennison 900-3 Fluor Red complies with European specifications for use on:
 - Rear Vehicle Markings
 - Advance Warning Triangles
 - Slow Moving Vehicle Markings

Recommendations for use

- In traffic and transport wherever safety, visibility and high conspicuity are required.
- Eye catching aid to promotional displays.

PRODUCT CHARACTERISTICS

Avery Dennison® 900 Fluor Films

Physical properties

Features	Test method ¹	Results
Caliper, facefilm	ISO 534	110 micron
Dimensional stability	DIN 30646	0,3 mm. max
Adhesion, initial	FINAT FTM-1, stainless steel	600 N/m
Adhesion, ultimate	FINAT FTM-1, stainless steel	800 N/m
Shelf life	Stored at 22° C/50-55 % RH	2 years
Durability ²	Vertical exposure	
900-3 Fluor Red		up to 18 months
900-2 Fluor Yellow		up to 6 months

Note: Horizontal applications are not recommended. In such case the durability may significantly be decreased.

Temperature range

Features	Results
Application temperature	Minimum: +10° C
Temperature range	-30° to + 110°C

Chemical resistance

Features	Test method ¹	Results
Humidity resistance	120 hours exposure	No effect
Water resistance	120 hours immersion	No effect
Gasoline resistance	2 hours immersion	
	Appearance	No change
	Adhesion	No change
	Colour	No change
Solvent resistance	Applied to aluminium, exposed to oils, greases, aliphatic solvents, motor oils, heptane, kerosene and JP-4 fuel.	No effect

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® 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.