

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.



Face Film

140 micron, premium quality multi-layer fluorescent cast vinyl

Conversion

Avery Dennison® 900 Fluor Films offer excellent conversion on a wide range of computer signmaking equipment, both drum and flatbed processing systems.



Adhesive

permanent, acrylic based

Recommendations

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



Backing

one side coated bleached kraft paper, 135 g/m²

Features

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



Durability

Up to 2 years



Shelf Life

2 years, stored at 22° C/50-55 % RH

Physical Characteristics

Characteristics	Test method ¹	Results
Caliper, facefilm (micron)	ISO 534	140 micron
Dimensional stability (mm max.)	FINAT FTM 14	0.3 mm max.
Shelf life (years)	Stored at 22° C/50-55 % RH	2 years
Durability ² (years)	Vertical exposure	2 years
Adhesion, initial (N/m)	FINAT FTM-1, stainless steel	500
Adhesion, after 24 hours (N/m)	FINAT FTM-1, stainless steel	800
Tensile strength (kN/m)	DIN 53455	2
Elongation (%)	DIN 53455	150
Temperature range		
Application temperature (Minimum: °C)		+10
Service temperature (°C to +°C)		-30 to +110
Chemical properties		
Saltspray resistance	DIN EN ISO 9227 (applied on aluminium 100h/35°C)	No effect
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	No effect exposed to: oils, greases, aliphatic solvents, motor oils, heptane, kerosene and JP-4 fuel.

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.

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