

PRODUCT DATA SHEET

Avery Dennison® 500 Fluor Films

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Introduction

Avery Dennison® 500 Fluor Films increase the attention value of short term advertising messages.



Face Film

130 micron, monomerically plasticised vinyl

Conversion

Avery Dennison® 500 Fluor Films offer excellent conversion properties on a wide range of computerised signmaking equipment.



Adhesive

permanent, acrylic based



Backing

one side coated bleached kraft paper, 140 g/m²

Recommendations

- » Short life fluorescent signs, texts and logos.
- » Promotional stickers
- » High-visibility labels.
- » Eye-catching advertising signs and graphics.



Durability

Up to 3 months



Shelf Life

2 years

Features

- » Excellent cutting and weeding characteristics.
- » "High conspicuity" colours for eye-catching applications.

Physical Characteristics

	Test method ¹	Results
Product		
Caliper, facefilm (micron)	ISO 534	130
Gloss (GU)	ISO 2813, 20°	10 %
Dimensional stability (mm max.)	FINAT FTM 14	1
Shelf life (years)	Stored at 22° C/50-55 % RH	2
Durability ² (years)	Vertical exposure	up to 3 months
Adhesive		
Tensile strength (kN/m)	DIN 53455	1,6
Elongation (%)	DIN 53455	130
Adhesion, initial (N/m)	FINAT FTM-1, stainless steel	
Adhesion, after 24 hours (N/m)	FINAT FTM-1, stainless steel	
Temperature range		
Application temperature (Minimum: °C)		+10
Service temperature (°C to +°C)		-30 to +100
Chemical properties³		
Humidity resistance	120 hours exposure	No effect
Water resistance	120 hours exposure	No effect
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.

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

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