

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.

Description

Facefilm: 130 micron, monomerically plasticised vinyl

Adhesive: semi-permanent, acrylic based

Backing paper: one side coated bleached kraft paper, 140 g/m²

Conversion

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

Features

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

Recommendations for use

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

Physical properties

Features	Test method¹	Results
Caliper, facefilm	ISO 534	130 micron
Tensile strength	ISO 1184	1.6 kN/m
Elongation	ISO 1184	130%
Gloss	ISO 2813, 20°	10 %
Dimensional stability	DIN 30646	1 mm. max
Shelf life	Stored at 22° C/50-55 % RH	2 years
Durability ²	Vertical exposure	up to 3 months

Temperature range

Features	Results
Application temperature	Minimum: +10° C
Service temperature	-30° to +100° C

Chemical resistance

Features	Test method¹	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.