

PRODUCT DATA SHEET



Avery® FasCal® 400 Greenline

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Introduction

Avery FasCal 400 Greenline is an environmental responsible screenprint film for a wide range of relatively short-term applications.

Description

Facefilm: 90 micron, polypropylene film
Adhesive: permanent, acrylic based
Backing paper: one side coated kraft liner

Conversion

Avery FasCal 400 Greenline features excellent conversion and printing characteristics: this film can be screenprinted with screen inks that are mentioned in the bulletin "Ink recommendations for Fascal 400 Greenline".

Features

- Excellent sheet stability for exact register at screenprinting.
- Excellent printability, conversion and application characteristics.
- Excellent dimensional stability during use.

Recommendations for use

- Environmental responsible alternative to traditional.
- Short term outdoor advertising.
- Posters, panels and signs at exhibitions.
- Billboard advertising.
- Labels and stickers.
- Point of sale promotions.



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Physical properties

Features	Test method¹	Results
Caliper, facefilm	ISO 534	90 micron
Gloss	ISO 2813, 20°	60 %
Dimensional stability	DIN 30646	0.1 mm. max
Adhesion, initial	FINAT FTM-1, stainless steel	450 N/m
Adhesion, ultimate	FINAT FTM-1, stainless steel	600 N/m
Flammability		Self extinguishing
Shelf life	Stored at 22° C/50-55 % RH	2 years
Durability ²	Vertical exposure	2 years

Temperature range

Features	Results
Application temperature	Minimum: 10° C
Service temperature	40° to +100° C

Chemical properties

Features	Test method¹	Results
Humidity resistance	120 hours exposure	No effect
Corrosion resistance	120 hours exposure	No contribution to corrosion
Water resistance	48 hours immersion	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 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® 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® 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.

