PRODUCT DATA SHEET

Avery Dennison® Greenline GP 3400 Series

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Introduction

Avery Dennison® Greenline GP 3400 Series EcoFriendly™ Promotional Films is an environmental responsible alternative to traditional pressure-sensitive adhesive films suitable for a wide range of short-term indoor and outdoor promotional graphics and decals

Description

Film	: 60 micron, top coated polypropylene
Adhesive	: permanent and removable, clear, acrylic based
Backing	: one side coated bleached kraft paper, 135 g/m²

Greenline GP3400 White Gloss	Permanent
Greenline GP3461 Transparent Gloss	Removable

Conversion

- Die cutting
- Screen Printing
- Offset Printing

UV curable screen print

Uses

- Outdoor advertising
- Indoor advertising
- Point of sale promotions
- Labels and stickers
- Exhibition graphics
- Window graphics

Application on wet surfaces or using an application fluid (wet applied) may result in adhesive residues being left on the surface after removal. As no two surfaces are the alike, trials are recommended prior to use in order to ascertain clean removability.

Features

- Environmentally responsible alternative to traditional self-adhesive PVC films;
- Manufactured using a PVC-free, phthalate-free polyolefin, solvent-free emulsion acrylic adhesive and a kraft (wood-free) paper liner. These films contain no polyvinylchloride or monomeric plasticizers, they eliminate any halogen-related disposal concerns;
- Available in Gloss white and Gloss transparent films;
- Excellent printability with conventional and UV curable screen print inks, oxidative drying and UV curable offset inks and UV curable inkjet inks;
- Excellent conversion and application characteristics;
- Excellent dimensional stability during use;
- Excellent adhesion to most surfaces;

PRODUCT CHARACTERISTICS

Greenline GP 3400 Series

Physical properties

Features		Test method[1]	Results
Caliper, facefilms		ISO 534	60 micron
Caliper, facefilms + adhesive		ISO 534	90 micron
Opacity & Gloss White			85%
Transparency, Gloss Clear			90%
Gloss,	Gloss White	ISO 2813, 20°	47%
	Gloss Transparent	ISO 2813, 20°	105%
Dimensional stability		FINAT FTM 14	0,2 mm max.
Adhesion, initial		FINAT FTM-1, stainless steel	9 N/25mm
Adhesion, ultimate		FINAT FTM-1, stainless steel	2.5 N/25mm
Shelf life		Stored at 230C/50-55% RH	1 year
Durability[2]		Vertical exposure	up to 1 year (unprinted)

Temperature range

Features	Results
Application temperature:	≥ + 2 °C
Temperature:	-40 °C to + 100 °C

NOTE: Materials have to be properly dried before further processing, for example laminating, varnishing or application. The residual solvents could change the products' specific features.

For good print and converting result we recommend to let the rolls acclimatize in the print/lamination room at least 24 before printing or converting. Too much temperature or humidity deviation between material and room climate can cause layflatness and/or printability issues.

Generally, constant material storage conditions of ideally 20°C (+/-2°C) /50% RH (+/- 5%), without too big climate deviations, will support a more robust and stable printing/converting process. For further details, please refer to TB 1.11.

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

All Avery Dennison statements, technical information and recommendations are based on tests believed to be reliable but do not constitute a guarantee or warranty. All Avery Dennison products are sold with the understanding that purchaser has independently determined the suitability of such products for its purposes. All Avery Dennison's products are sold subject to Avery Dennison's general terms and conditions of sale, see http://terms.europe.averydennison.com

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.