

### Facestock

A bi-axially oriented, gloss clear polypropylene film with a print-receptive topcoating

Basis Weight	46 g/m <sup>2</sup>	ISO 536
Caliper	50 µm	ISO 534

### Adhesive

A special purpose permanent, luminescent , acrylic based adhesive.

### Liner

A clear polyester liner giving optimum smoothness to the adhesive layer.

This liner is 100% recyclable. Visit our website or send an email to [linerrecycling@eu.averydennison.com](mailto:linerrecycling@eu.averydennison.com) for more information.

Basis Weight	42 g/m <sup>2</sup>	ISO 536
Caliper	30 µm	ISO 534

### Laminate

Total Caliper	101 µm±10%	ISO 534
---------------	------------	---------

### Performance data

Initial Tack	9 N/25mm	FTM 9 Glass
Peel Adhesion 90°	5 N/25mm	FTM 2 St.St.
Min. Application Temp.	10 °C	
Service temperature	-20°C to 100°C	

### Adhesive Performance

S4000 LUM is a extra clear, luminescent adhesive for use with clear filmic face and liner materials. The adhesive features excellent water and heat resistance, good tack and adhesion performance, even on apolar surfaces such as polyethylene bottles. UV resistance of the dye is limited and to maintain UV reflectance levels labels should not be exposed to UV light for prolonged periods.

### Applications and use

Typical applications include labels for use in the pharmaceutical industry, applications on small cylindrical containers, curved substrates and on other known substrates in the pharmaceutical industry. The luminescent properties of the product allow automatic label dispensing and/or missing label control using UV-light detection equipment.

For optimal dispensing a relatively high tension on the backing paper and a sharp beak are recommended.

### Conversion & printing

The top coated face material can be printed by letterpress, flexo, gravure and screen, giving good printing results with solvent, UV curing, waterbased inks and hot-foil blocking. Especially with waterbased and UV screen inks, careful selection of the ink and preliminary testing is essential. Material shows excellent register stability on press and excellent flat bed conversion while rotary and magnetic dies need additional care.

Press stability is good with stable, constant register during conversion. Flat bed performance is good while solid and magnetic rotary dies need additional care. (Die bearers must be adjusted to the polyester liner).

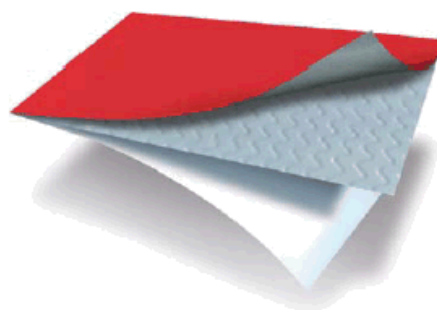
### REACH Compliance

Notification according to Article 33 of the REACH Regulation (SVHC) This article contains the following substance which is

## AM486

## Fasson ®

## PP NG TOP CLEAR - S4000 LUM-PET30



PP NG TOP CLEAR

S4000 LUM

PET30

*This is an automatically generated datasheet. All data to be considered as typical values and subject to change without prior notice. Further testing is always recommended.*

*If you would like to make a suggestion or comment on this datasheet, please send an email to [datasheet.mgmt@eu.averydennison.com](mailto:datasheet.mgmt@eu.averydennison.com)*

included on the candidate list, according to article 59 (1,10) of the REACH registration, in a concentration above 0.1% (w/w): Nonyl phenol ethoxylate (NPEO) (CAS No.9016-45-9)

#### Special Approvals

Unconverted as well as converted label material should be stored protected from light – exposure to light reduces the luminescence. The performance of printed labels should always be tested in the actual conditions of use.

#### Shelf life

Two years under storage conditions as defined by FINAT (20-25°C; 40-50%RH)

### Avery Dennison Materials Group Europe

Willem Einthovenstraat 11  
2342 BH Oegstgeest  
The Netherlands  
+31 (0)85 000 2000

#### 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.

Avery Dennison products are warranted to be free of defects in material or workmanship for a period of one year from the date of shipment. Should a defect be communicated to Avery Dennison within that time frame, Avery Dennison will evaluate and determine the existence of the defect and further decide, at its sole discretion, to either replace the defective product without charge or compensate it with a credit note in such amount as Avery Dennison deems reasonable. Avery Dennison shall have no responsibility beyond the replacement value of the defective product nor shall in any way be liable or responsible for consequential or incidental damages.



ANY OTHER WARRANTY, WHETHER EXPRESS OR IMPLIED, OR WHETHER OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR OTHERWISE, SHALL BE EXCLUDED. NO WAIVER, ALTERATION, ADDITION OR MODIFICATION OF THE FOREGOING CONDITIONS SHALL BE VALID UNLESS MADE IN WRITING AND SIGNED BY AN EXECUTIVE OFFICER OF AVERY DENNISON.

©2013 Avery Dennison Corporation. All rights reserved. Avery Dennison and all other Avery Dennison brands, this publication, its content, product names and codes are owned by Avery Dennison Corporation. All other brands and product names are trademarks of their respective owners. This publication must not be used, copied or reproduced in whole or in part for any purposes other than marketing by Avery Dennison.