

### 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

BG45 white, a supercalendered glassine paper.

Basis Weight	70 g/m <sup>2</sup>	ISO 536
Caliper	63 µm	ISO 534
Transparency	50 %	DIN 53147

### Laminate

Total Caliper	135 µm±10%	ISO 534
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### 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 an 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.

### 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.

### REACH Compliance

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

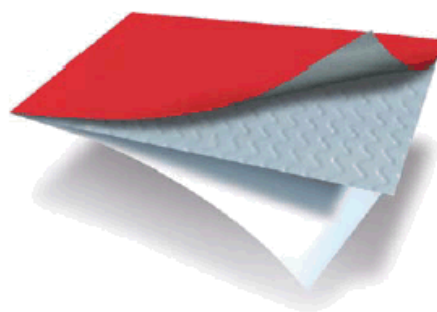
### Special Approvals

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.

## AJ129

### Fasson®

### PP NG TOP CLEAR - S4000 LUM-BG45WH



PP NG TOP CLEAR

S4000 LUM

BG45WH

*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)*

**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**

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