

Facestock

A clear corona treated, bi-axially oriented polypropylene film.

Basis Weight 27 g/m² ISO 536 Caliper 30 µm ISO 534

Adhesive

A special purpose permanent, luminescent , acrylic based adhesive.

Liner

A clear polyester liner giving optimum smoothness to the adhesive layer. rPET30 liner contains 30% Post-Consumer Recycled (PCR) content. This liner is 100% recyclable. Visit our website for more information.

Basis Weight 42 g/m² ISO 536 Caliper 30 µm ISO 534

Laminate

Total Caliper 80 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

Laetus Value minimum 5

Adhesive Performance

S4000N 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.

Automatic application: The robust film liner allows for consistent, snap free, application on high speed lines.

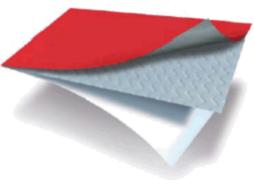
Conversion and Printing

The material can be printed by conventional printing techniques including flexo, screen, offset, letterpress, silkscreen, gravure, and hot foiling processes. UV, water-based and solvent-based inks can be used. Inline corona treatment is recommended for optimal ink adhesion. Overlaminating of the printed face material gives very good scratch resistance and allows high speed dispensing.

AX203

Fasson ®

PP30 CLEAR S4000N LUM-rPET30



PP30 CLEAR
S4000N LUM
rPET30

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.

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As the liner is transparent, the applicator must detect the print itself or registration marks must be provided on either face or liner. Press stability is good with stable, consistent 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). The PCR content gives a transparent light blue/grey shade to the liner. This does not affect the performance; performance is on par with conventional PET liners.

Compliance and Approvals

Unconverted as well as converted labelmaterial 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

To obtain optimal performance, use this product within two years of the date of manufacture, under storage conditions as defined by FINAT (20-25°C; 40-50%RH). Prolonged storage outside these conditions might reduce the shelf life.

Avery Dennison Materials Group Europe

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

Warranty

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