AX207

Fasson ®

PP NG TOP CLEAR
S4000N LUM-PET36

Facestock

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

Basis Weight	47 g/m²	ISO 536
Caliper	50 µm	ISO 534

Adhesive

A special purpose permanent, luminescent , acrylic based adhesive.

Liner

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

Basis Weight	50 g/m²	ISO 536
Caliper	36 µm	ISO 534
Transparency	99 %	DIN 53147

Laminate

Total Caliper	106 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

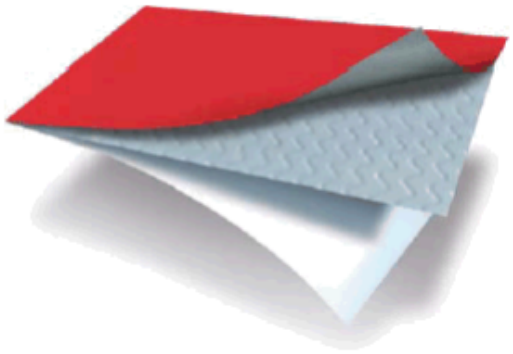
S4000N LUM is a extra clear, luminescent adhesive for use with clear filmic face and liner materials. The adhesive features excellent water and heat resistance, good tack and adhesion performance, even on apolar surfaces such as polyethylene bottles. UV resistance of the dye is limited and to maintain UV reflectance levels labels should not be exposed to UV light for prolonged periods.

Applications and Use

Applications are predominantly in market segments where rigid containers are used (e.g. Glass, PET). Due to fairly rigid nature of the film, care should be taken with use on non-uniform surfaces and where a very high level of squeezability is desired.

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.

The robust film liner allows for consistant, snap free, application on high speed lines. As liner is transparent, the applicator must detect the print itself or registration marks must be provided on either face or liner.



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Conversion and 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 prelaminary 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, consistant 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).

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.

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