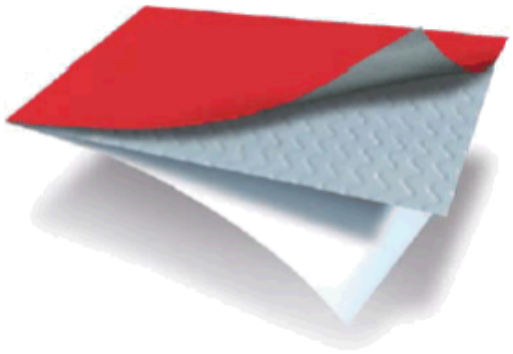
BX550

Fasson ®

CLEANFLAKE WHITE
SR3011N-rPET23



PP60 CAVIT TOP WHITE	
SR3011N	
rPET23	

Facestock

A cavitated white bi-axially oriented, polypropylene film with a print-receptive topcoat.

Basis Weight	42 g/m²	ISO 536
Caliper	58 µm	ISO 534

Adhesive

SR3011N is a wash off emulsion adhesive with general purpose conversion and application properties, designed to enable recycling of PET packages.

Liner

A clear polyester liner giving optimum smoothness to the adhesive layer. rPET23 liner contains 30% Post-Consumer Recycled (PCR) content. This liner is 100% recyclable. Visit our website for more information.

Basis Weight	32 g/m²	ISO 536
Caliper	23 µm	ISO 534

Laminate

Total Caliper	93 µm±10%	ISO 534

Performance Data

Initial Tack	10 N/25mm	FTM 9 glass FINAT FTM 9 (vidro)
Peel Adhesion 90°	5.5 N/25mm	FTM 2 st.st. 24hr
Min. Application Temp.	5 °C	
Service Temperature	-20 °C to 50 °C	

Adhesive Performance

SR3011N CleanFlake™ adhesive is designed for labeling and recycling of PET bottles and PET containers. SR3011N labels adhere to the PET package until the very end of its life cycle, when at the recycler the label+adhesive release cleanly from the PET bottle, in a hot caustic water bath. SR3011N is releasing from the PET but still adhering to the face material, allowing the label and adhesive to cleanly separate from the PET flakes.* No residual adhesive remains in the water or on the PET flakes which could contaminate, discolor, or otherwise diminish the rPET value. This new proprietary adhesive exhibits excellent converting and dispensing characteristics.

* For sink/float separation and compliance with recycling regulations, the adhesive must be combined with a face material with a density <1kg/cm3.

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, we recommend additional testing prior to use on non-uniform surfaces and where a level of squeezability is desired.

Typical applications for SR3011N are in beverage, food, home and personal care market segments where PET bottles and PET containers are used.

The adhesive is designed for application on a dry package. For consistent, snap free application on high speed lines, we recommend combining the adhesive with a rPET liner.

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

Conversion and Printing

The topcoated film can be printed by conventional and digital printing techniques such as UV flexo, UV Inkjet, screen, offset, letterpress, gravure and hot or cold foiling processes. The topcoat is designed for optimal ink adhesion with UV-cured inks, including low migration inks, and is compatible with LED curing systems. The face material is suitable for Thermal Transfer printing. Exact inks, foils and ribbons should be specified by your ink/foil/ribbon supplier. On-press corona treatment is not advised. The material has very good register properties especially when a high number of different colors are used.

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.

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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