BF558

Fasson ®

CLEANFLAKE WHITE
SR3011-rPET23

Facestock

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

Basis Weight	43 g/m²	ISO 536
Caliper	58 µm	ISO 534

Adhesive

SR3011 is a clear permanent acrylic adhesive, designed to facilitate recycling of PET containers.

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	98 µm±10%	ISO 534

Performance Data

Initial Tack	9 N/25mm	FTM 9 glass
Peel Adhesion 90°	6.5 N/25mm	FTM 2 st.st. 24hr
Min. Application Temp.	+5 °C	
Service Temperature	-20 °C to 60 °C	

Adhesive Performance

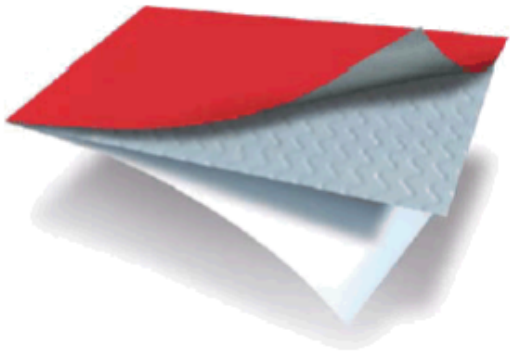
SR3011 is an adhesive designed specifically for labeling and recycling of PET bottles and PET containers. SR3011 adheres to the PET bottle/container until the end of its life cycle, when in the sink/float process at the recycler the adhesive is deactivated in a caustic bath, at temperatures down to 70°C, allowing the facestock and adhesive to cleanly separate from the PET flakes. No residual adhesive remains on the PET flakes which could contaminate, discolor or otherwise diminish the rPET value.

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.

Applications are predominantly in beverage, food and HPC market segments where PET bottles and PET containers are used. Due to the rigid nature of the film, care should be taken with use on non-uniform surfaces and where a level of squeezability is desired.

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



PP60 CAVIT TOP WHITE

SR3011

rPET23

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

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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