CH879

Fasson ®

CLEANFLAKE PP50 WHITE S7000ER-rPET23

Facestock

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

Basis Weight	41 g/m²	ISO 536
Caliper	47 µm	ISO 534

Adhesive

CleanFlake™: A clear wash-off general purpose acrylic adhesive with excellent conversion and application properties.

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	83 µm±10%	ISO 534

Performance Data

Initial Tack	9 N/25mm	FTM 9 glass
Peel Adhesion 90°	5.5 N/25mm	FTM2 st.st. 20min
Min. Application Temp.	5 °C	
Service Temperature	-20 °C to 50 °C	

Adhesive Performance

S7000ER enables recyclability of rigid plastic packaging (HDPE, PET). It applies and functions as a permanent adhesive when applied on glass, PET, HDPE, PP, metal. At the end of life of the HDPE or PET package S7000ER labels are designed not to hinder the recycling. The adhesive exhibits a balance of release properties to enable high speed converting and dispensing on increasingly thinner substrates. Excellent wet out and water whitening resistance. Significantly less adhesive bleed vs. industry standard, including in a tropical environment, which reduces downtime on press and dispensing equipment.

Care and additional testing is recommended for use in multi-layer booklet applications on small diameter packages.

Applications and Use

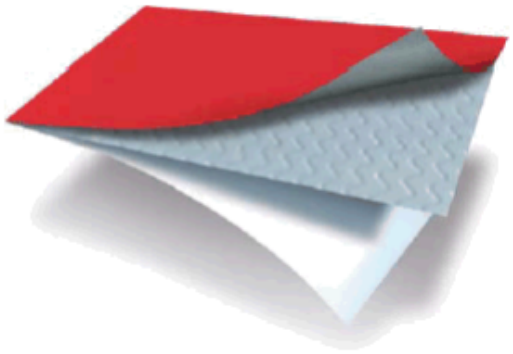
Applications are predominantly in market segments where rigid containers are used (e.g. Glass, PET). Due to fairly rigid nature of the film, care should be taken with use on non-uniform surfaces and where a very high level of squeezability is desired.

Application in: food, home and personal care, cosmetics, beverages.

Application on: glass, PET, HDPE, PP, metal. Application on dry surfaces.

Enables recycling: PET, HDPE

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



PP50 TOP WHITE	
S7000ER	
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, letterpress 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.

Compliance and Approvals

The adhesive S7000ER is suitable for contact with dry, moist and fatty foodstuffs with reduction factor of 4 or higher in this construction. For complete information regarding the food contact compliance status, please contact your local sales representative for a Food Contact Statement.

S7000ER in combination with polyolefin face materials (e.g. PP)is approved by Recyclass as fully compatible with the rigid HDPE recycling stream.

S7000ER in combination with face materials with density <1g/cm3 (label+ink+varnish) is enabling recyclability of PET packages: - Recyclass technology approval: full compatibility with the PET recycling stream (70-90°C) - EPBP recognition for PET bottle recycling - following Petcore guidance for PET trays and packages (70°C).

Shelf Life

To obtain optimal performance, use this product within one year 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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Warranty
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