

AR107

Fasson ®

PP50 TOP CLEAR - S7000-PET23

A polypropylene film with excellent clarity combined with Avery Dennison ClearCut™ Adhesive Technology and with a polyester liner



Key features







> This polypropylene film combined with the ClearCut™ adhesive S7000 provides substantial benefits for both label printers and brand owners.

> Thinner: Thinner material means more labels on the roll, resulting in fewer changeovers and savings on inventory and transportation space. Driven by reduction in material this product offers benefits across key sustainability elements.

> Clearer: Best in class non water whitening performance, making this construction the natural choice for the compelling 'no label' look.

> Cleaner: Less downtime on press and dispensing equipment caused by significantly lower levels of adhesive build up.

PP60 S4000 PET30 v PP50 S7000 PET23

	 FOSSIL MATERIAL <small>— barrels of oil —</small>	 BIOBASED <small>— tonnes —</small>	 WATER <small>— litres —</small>	 ENERGY <small>— MJ —</small>	 GHG <small>— tonnes CO2-e —</small>	 SOLID WASTE <small>— tonnes —</small>
DIFFERENCE	{200}	0	{155,274}	{1,442,297}	{86}	{26}
IMPACT	25% less	--	14% less	26% less	25% less	26% less

Facestock

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

Basis Weight	48 g/m ²	ISO 536
Caliper	50 µm	ISO 534

Adhesive

A clear, general purpose permanent, acrylic adhesive.

Liner

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

Basis Weight	32 g/m ²	ISO 536
Caliper	23 µm	ISO 534

Laminate

Total Caliper	89 µm±10%	ISO 534
---------------	-----------	---------

Performance data

Initial Tack	9 N/25mm	FTM 9 Glass
Peel Adhesion 90°	5.5 N/25mm	FTM 2 St.St.
Min. Application Temp.	5 °C	
Service temperature	-40°C to 80°C	

Adhesive Performance

S7000 exhibits a balance of release properties to enable high speed converting and dispensing on increasingly thinner substrates. Specifically designed to exhibit excellent wet out characteristics and water-whitening resistance. Significantly less adhesive bleed vs. Industry standard, which reduces downtime on press and dispensing equipment.

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 high level of squeezability is desired.

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

Conversion & printing

The modified acrylic based topcoating can be printed by conventional printing techniques including flexo, screen, offset, letterpress, silkscreen, gravure, and hot or cold foiling processes. UV, water-based and solvent-based inks can be used. The topcoat is designed for optimal ink adhesion. On-press corona treatment is not advised. The face material is suitable for Thermal Transfer printing. Exact inks, foils and ribbons should be specified by your ink/foil/ribbon supplier.

The material has very good register properties especially when a high number of different colours 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.

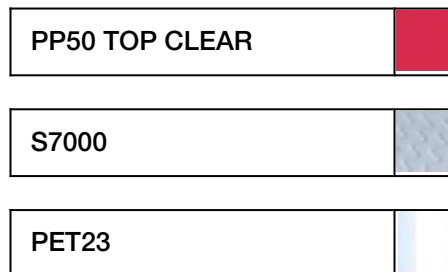
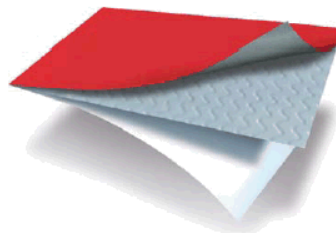
Press stability is good with stable, consistent register during conversion. Flat bed performance is good while solid and magnetic rotary dies need additional care. (Die bearers must be adjusted to the polyester liner).

Special Approvals

AR107

Fasson ®

PP50 TOP CLEAR - S7000-PET23



S7000 complies with European food regulation 1935/2004/EC, with the German Recommendation (BfR) XIV and FDA § 175.105. It also meets the demands of the limit values laid down in 10/2011/EU. In accordance with the requirements of relevant EU food regulations, the adhesive S7000 may safely stand in direct contact with dry and moist, such kind of fatty foodstuff which have a reduction factor of 4 according to EU Commission Regulation (No.) 10/2011. This is based on migration results from testing in olive oil as simulant. Furthermore, the seams (edges) of the label material may safely come into direct contact with all kinds of foodstuffs.

Shelf life

One year under storage conditions as defined by FINAT (20-25°C; 40-50%RH)

*Avery Dennison™Greenprint methodology is a life cycle based environmental performance assessment tool.

It provides cradle to output gate plus end of life comparative assessment of materials used for the scenario described in this assessment.

The results provide directional indication of improvement over an existing product and should not be interpreted as a product footprint data. Results may be displayed with several significant figures, but do not imply a corresponding level of precision. Supporting data is based on a combination of primary data when available and industry average information.

All data to be considered as typical values and subject to change without prior notice. The actual front and liner used might influence adhesive values. 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

Avery Dennison Materials Group Europe

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

Warranty

All Avery Dennison statements, technical information and recommendations are based on tests believed to be reliable but do not constitute a guarantee or warranty. All Avery Dennison products are sold with the understanding that purchaser has independently determined the suitability of such products for its purposes. All Avery Dennison's products are sold subject to Avery Dennison's general terms and conditions of sale, see <http://terms.europe.averydennison.com>



©2019 Avery Dennison Corporation. All rights reserved. Avery Dennison and all other Avery Dennison brands, this publication, its content, product names and codes are owned by Avery Dennison Corporation. All other brands and product names are trademarks of their respective owners. This publication must not be used, copied or reproduced in whole or in part for any purposes other than marketing by Avery Dennison.