

AU005

Fasson ® GLOBAL MDO TOP CLEAR - S7000-BG40WH FSC

A clear, co-extruded film with best in class topcoat combined Avery Dennison ClearCut™ Adhesive Technology and glassine liner.



Key features

> Global MDO combined with the ClearCut™ adhesive S7000 provides substantial benefits for both label printers and brand owners.

> Thinner: The best choice of films combining thin and semisqueezable characteristics. Thinner material -more labels on the roll-fewer changeovers & up to 50% savings on inventory and transportation space. Driven by reduction in material this product offers benefits across key sustainability elements.

> Best in class non water whitening performance.30% improvement in haze after over varnish.

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

Comparative Avery Dennison™ Greenprint® Results:
 Global MDO Top Clear-S7000-BG40WH (AU005) vs. PE85 Top Clear-S692N-BG40WH (AF187)

Impact Category	Fossil Material	Trees	Water depletion	Energy Use	GHG	Solid Waste
Difference	39% less	-	3% more	17% less	24% less	15% less

Facestock

A thin clear machine direction oriented, semi-gloss polyolefin film with a print-receptive topcoating.

Basis Weight	46 g/m ²	ISO 536
Caliper	50 µm	ISO 534

Adhesive

A clear, general purpose permanent, acrylic adhesive.

Liner

BG40 white, a supercalendered glassine paper.

Basis Weight	60 g/m ²	ISO 536
Caliper	53 µm	ISO 534

Laminate

Total Caliper	120 µm±10%	ISO 534
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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 home and personal care. Due to its flexibility the product is especially suitable for semi-squeezable bottles and other semi-flexible containers. To obtain a high gloss and clarity the label can be overvarnished.

The liner is made from FSC® certified paper (FSC Mix Credit, chain-of-custody number: CU-COC-807907, Licence Code: C004451).

Conversion & printing

The film has a machine direction orientation (MDO) which offers exceptional dimensional stability and allows cross directional conformability .

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. 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 excellent register properties especially when a high number of different colours are used.

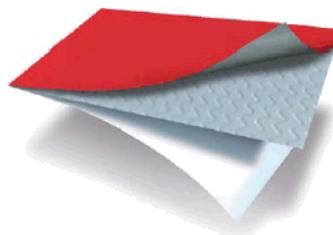
In circumstances where high scuff resistance is required, overvarnish of the printed labels is advised.

Special Approvals

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

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GLOBAL MDO TOP CLEAR	
S7000	
BG40WH	

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 simulat. 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)

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

Avery Dennison Materials Group Europe

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

Warranty

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