


AO376
**Fasson ®
GLOBAL MDO TOP CLEAR
- S7000-PET23**
**A clear, co-extruded
film with best in class
topcoat combined
with Avery Dennison
ClearCut™ Adhesive
Technology and
PET liner.**

Key features

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

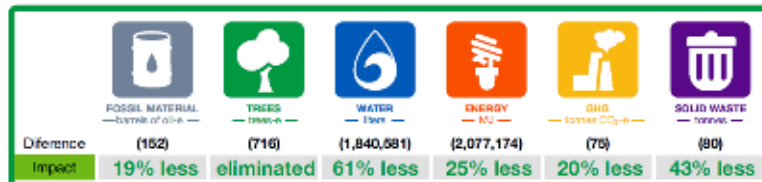
> Thinner: The best choice of films combining thin and semisqueezable characteristics. Thinner material -more labels on the roll-fewer changeovers & up to 50% savings on inventory and transportation space. Driven by reduction in material this product offers benefits across key sustainability elements.

> Clearer: Best in class non water whitening and wet out performance to enable No-Label-Look. 30% improvement in haze after over varnish.

> Cleaner: More robust operating window, with ClearCut™ adhesive S7000, enabling high speed converting and dispensing. Less downtime on dispensing equipment caused by significantly lower levels of adhesive build up.

Comparative Avery Dennison™ Greenprint® Results:

Global MDO Top Clear-S7000-PET23 (AO376) vs. PE85 Top Clear-S692N-BG40WH (AF187)



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

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

This liner is 100% recyclable. Visit our website or send an email to linerrecycling@eu.averydennison.com for more information.

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

Laminate

Total Caliper	89 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.

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

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.

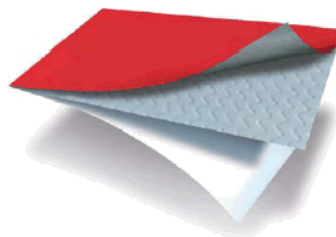
The material has excellent register properties especially when a high number of different colours are used.

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

As the liner is transparent, the applicator must detect the print itself or registration marks must be provided on either face or

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GLOBAL MDO TOP CLEAR

S7000

PET23

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

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.

If you would like to make a suggestion or comment on this datasheet, please send an email to datasheet.mgmt@eu.averydennison.com

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Warranty

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