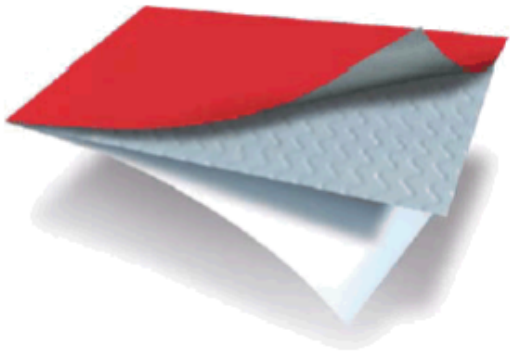
AQ409

Fasson ®

PP LIGHT TOP SILVER
TS8000 SGP - BG50WH FSC



Facestock

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

Basis Weight	51 g/m²	ISO 536
Caliper	51 µm	ISO 534
Density	0.90 g/cm³	ASTM D792

Adhesive

A special purpose rubber hotmelt adhesive, featuring high tack and final peel adhesion with extremely high coat weight.

Liner

BG50 white, a supercalendered glassine paper.

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

Basis Weight	78 g/m²	ISO 536
Caliper	68 µm	ISO 534

Laminate

Total Caliper	176 µm±10%	ISO 534

Performance Data

Initial Tack	45 N/25mm	FTM 9 Glass
Peel Adhesion 90°	25 N/25mm	FTM 2 St.St.
Min. Application Temp.	0 °C	
Service Temperature	-20 °C to 70 °C	

Adhesive Performance

TS8000 uses an aggressive formulation developed for labelling rubber with irregular and curved surfaces. It withstands typical chemicals used by tyre manufacturers, such as mould release agents or components migrating from the rubber.

Applications and Use

Applications are predominantly in market segments where rigid containers are used (e.g. Glass, PET). Applications include luxury products such as spirits, home and personal care, automotive lubricants, where eye catching high quality labels are required. 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.

The main application for this adhesive is tyre labelling for the production of point-of-purchase labels that are required to adhere to a wide range of tyres, including winter tyres, in a reliable way. This label material does not have any negative effect on the properties and performance of labelled tyres. In addition it is also used in other applications in which a highly aggressive adhesive is needed to label rough surfaces.

Special care should be given during dispensing around the gum free area.

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TS8000

BG50WH FSC

FSC
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The mark of responsible forestry

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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 top coated metallised film 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 optimum 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 excellent register properties especially when a high number of different colours are used.

The heavy coat weight of adhesive does not allow high press speed. Die cutting and press/inspection rewind tension should be kept under careful control to avoid adhesive bleeding. Automatic dispensing is not recommended, but if necessary, we can adapt a special product.

Note: this product contains a very aggressive adhesive. If the product is without SGP (Special Gum Pattern), adhesive ooze on the sides of the slit rolls can occur. To minimize this risk it is highly recommended to order this material with an adhesive-free zone on each side of the slit rolls (with SGP / gumpattern). Please contact your sales representative for further details.

The special product lay-out could have an influence on conversion speed.

Compliance and Approvals

Adhesive TS8000 has attained the two star certification for biobased content according to EN 16640, meaning that TS8000 contains certified Biobased Carbon Content of at least 40%. (TÜV AUSTRIA licensee number: S0259)



*The OK biobased certification is only applicable to the adhesive TS8000.

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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