

Facestock

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

Basis Weight	44 g/m ²	ISO 536
Caliper	58 µm	ISO 534

Adhesive

A special purpose permanent, rubber based adhesive.

Liner

BG45 white FSC is 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	70 g/m ²	ISO 536
Caliper	61 µm	ISO 534

Laminate

Total Caliper	178 µm±10%	ISO 534
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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 is specially designed to meet the performance requirements of automotive tyre labelling. The special composition provides a superb anchorage of the label to the compound curved and extremely irregular surface of tyres, neglecting the negative influences of surface contaminants such as mould release agents or components migrating from the rubber. This label material does not have any negative effect on the properties and performance of labelled tyres. Note: this product contains a very aggressive adhesive. If the product is without SGP (Special Gum Pattern), slitreels will not be delivered with bleed-free edges and edge-bleed can occur. In case bleed-free edges are required, please contact your local sales representative.

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.

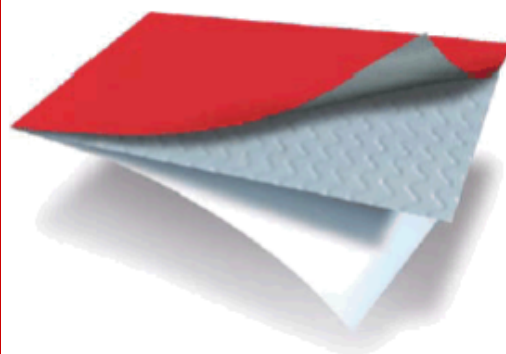
The heavy coat weight of adhesive does not allow high press speed. Die cutting and press/inspection rewind tension should be kept under careful control to avoid adhesive bleeding. Automatic dispensing is not recommended, but if necessary, we can adapt a special product. Prior testing is recommended.

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

AC004

Fasson®

PP NG TOP WHITE TS8000 SGP-BG45WH FSC



PP NG TOP WHITE

TS8000

BG45WH FSC



The mark of
responsible forestry

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 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.

PP NG TOP White is suitable for Thermal Transfer printing. Exact inks, foils and ribbons should be specified by your ink/foil/ribbon supplier.

With certain UV Inkjet digital printers the material was found to be compatible, testing is highly recommended.

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

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

Compliance and Approvals

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.

Appendix

Compliance with BS 5609

This material complies with BS 5609, Section two, Marine Immersion Test.

Thermal Transfer Printing:

Printability – Physical Resistance

Ribbon	Settings		Print Quality	ANSI Grade	Scratch resistance	Tape resistance
	speed	energy				
Armor AXR7+	5	20	++	A	+	-
Armor AXR8	5	30	++	A	++	+
DNP R300	5	30	+	A	++	++
DNP R510	5	20	++	A	++	++
DNP R550	5	30	++	A	++	+
limak PM255	5	30	+	A	-	-
limak SP330	5	30	++	A	++	-
Ricoh B110A-X2	5	20	++	A	-	-
Ricoh B110CR	5	30	-	A	++	-

ANSI (American National Standards Institute) Grade: information about barcode quality

A: excellent B: good C: acceptable D: readable with difficulty

++: excellent +: good o: acceptable -: poor

Tests were performed with the printer Zebra 140XI3.

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Warranty

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