

Facestock

A matt white PEHD film with paper like coating for matrix and thermal transfer printing.

Basis Weight	75 g/m ²	ISO 536
Caliper	95 µm	ISO 534

Adhesive

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

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	69 g/m ²	ISO 536
Caliper	60 µm	ISO 534

Laminate

Total Caliper	192 µm±10%	ISO 534
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Performance Data

Initial Tack	25 N/25mm	FTM 9 Glass
Peel Adhesion 90°	18 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

Product gives very good performance in thermal transfer printing as well as dot-matrix and conventional pre-printing techniques. The topcoating has compatibility with a wide range of wax, wax/resin and resin based thermal transfer ribbons and is capable of producing high resolution barcode prints. The base film has good rigidity for larger label handling. Applications include medium life durable tracking labels in outdoor environments eg. chemical drum labels, stretch and shrink wrapped pallet labels where recycling may be required.

The main application for this material is tyre labelling for the production of point-of-purchase labels that are required to adhere to summer and all-season 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.

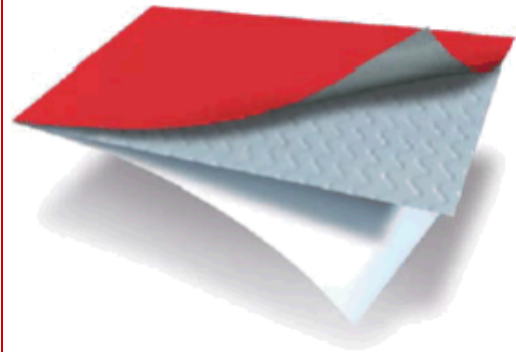
Conversion and Printing

The absorbent top-coat provides a 'paper like' surface for conventional preprinting. Due to the extensible nature of the face, care should be taken with die-specification. Sharp dies are essential. Material shows very good register stability on press and flat bed conversion. However, rotary and magnetic dies need additional care.

AE288

Fasson®

PE80 DATA MATT WHITE TS8000 DEC-BG45WH FSC



PE80 DATA MATT WHITE

TS8000

BG45WH FSC



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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.

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.

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	30	++	A	++	-
Armor AXR8	5	30	++	A	++	+
DNP R300	5	30	+	A	++	++
DNP R550	5	30	--	C	+	+
limak PM255	5	20	++	A	--	+
limak SP330	5	30	++	A	++	++
Ricoh B110A-X2	5	20	++	A	-	+
Ricoh B120EC	5	30	-	B	++	++
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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