

### Facestock

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

Basis Weight	75 g/m <sup>2</sup>	ISO 536
Caliper	95 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 <sup>2</sup>	ISO 536
Caliper	61 µm	ISO 534

### Laminate

Total Caliper	202 µm±10%	ISO 534
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### Performance Data

Initial Tack	35 N/25mm	FTM 9 Glass
Peel Adhesion 90°	21 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

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.

### 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.

## AF081

### Fasson ®

#### PE80 DATA MATT WHITE TS8000DEC-BG45WH FSC



PE80 DATA MATT 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](mailto:datasheet.mgmt@eu.averydennison.com)*

## 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	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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