

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 transparent, rubber-based, permanent, adhesive.

Liner

BG40WH FSC, a supercalandered siliconized white 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	57 g/m ²	ISO 536
Caliper	51 µm	ISO 534

Laminate

Total Caliper	190 µm±10%	ISO 534
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Performance Data

Initial Tack	30 N/25mm	FTM 9 glass
Peel Adhesion 90°	17 N/25mm	FTM 2 st.st.; 24 hrs.

Min. Application Temp.	0 °C
Service Temperature	-40 °C to 50 °C

Adhesive Performance

This adhesive has been specially developed for the labelling of rough, uneven and difficult surfaces, e.g. wooden crates or jute sacks. F1 is an extremely soft adhesive with a high coat weight resulting in a marked tendency to flow. When processing, please observe the following requirements: Use sharp die-cutting tools, making sure they cut right through the layer of adhesive (cutting marks visible on silicone liner); remove matrix without of heat and as soon as possible after die-cutting. Do not wind the label reels too tightly, especially in the case of asymmetrical or relatively large, round labels.

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.

This product is used in applications in which very rough and also absorbing substrates are to be labelled. It is not suitable for applications in which the temperature can rise above +50°C. This label material does not have any negative effect on the properties and performance of labeled tyres. Important Note: to avoid adhesive bleed label roll should not be wound tight and not be exposed to elevated temperature during storage.

AA100

Fasson ®

PE80 DATA MATT WHITE F1-BG40WH FSC



PE80 DATA MATT WHITE

F1

BG40WH FSC

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 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.

Compliance and Approvals

This material complies with BS 5609:1986, Section two, Marine Immersion Test. To comply with BS 5609:1986 Section 3, the specific inks or ribbons have to be evaluated; tests can be performed upon request.

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 speed energy		Print Quality	ANSI Grade	Scratch resistance	Tape resistance
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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