

Facestock

A matt white high-density polyethylene (HDPE) film with a smooth, absorbent, ink receptive topcoating.

Basis Weight	90 g/m ²	ISO 536
Caliper	110 µm	ISO 534

Adhesive

A special purpose permanent, rubber based adhesive.

Liner

BG40 brown, supercalendered glassine paper.

Basis Weight	55 g/m ²	ISO 536
Caliper	49 µm	ISO 534

Laminate

Total Caliper	190 µm±10%	ISO 534
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Performance Data

Initial Tack	33 N/25mm	FTM 9 Glass
Peel Adhesion 90°	17 N/25mm	FTM 2 St.St.
Min. Application Temp.	-5 °C	
Service Temperature	-40 °C to 70 °C	

Adhesive Performance

The aggressive nature of the adhesive provides excellent performance on rough or difficult substrates such as rubber goods, shoes, rugs and carpets, as well as on packaging materials like cardboard, wood, fibre drums and plastic containers (e.g. HDPE and Polypropylene drums). In addition the adhesive has excellent performance at low temperature and on apolar substrates.

Applications and Use

Designed for use in very difficult application areas i.e. where surface is very rough and hence initial adherence surface contact is low. Typical applications can vary from shrink wrapped pallets to timber, rough metal castings and rough LDPE drums. These labels are often pre-printed, then overprinted with variable information at time of application.

Compliance and Approvals

The adhesive complies with the European food directives and legislations, FDA 175.105 and the German recommendations XXI as published by BfR. BfR (Bundesinstitut für Risikobewertung) is the German Federal Institute for Risk Assessment. The adhesive can be used in direct contact with dry and moist non-fatty foodstuffs.

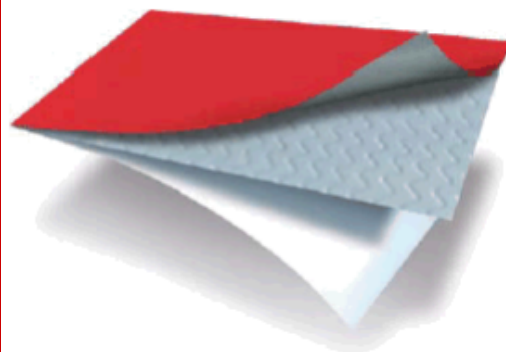
Shelf Life

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.

AF207

Fasson®

TUFF S445N-BG40BR



TUFF

S445N

BG40BR

*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*

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	++	o
Armor AXR8	5	30	-	A	++	-
DNP R300	5	30	-	A	++	o
limak PM255	5	30	++	A	-	-
limak SP330	5	30	o	A	++	o
Ricoh B110A-X2	5	30	+	A	-	-
Ricoh B120EC	5	30	-	F	++	++
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.

Appendix Body

Appendix

Appendix Body

Avery Dennison Materials Group Europe

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Warranty

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