

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

rBG40 BROWN, a siliconised supercalendered glassine paper, made from 15% liner waste. Being produced with recycled material, there is a possible higher incidence of impurities in the product compared to virgin fiber products. The liner is made from FSC® certified paper (FSC Recycled Credit, chain-of-custody number: CU-COC-807907, Licence Code: FSC-C004451).

Basis Weight	53 g/m ²	ISO 536
Caliper	47 µm	ISO 534

Laminate

Total Caliper	188 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 apolar substrates, as well as at low temperatures.

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.

Labels with the aggressive adhesive S445N are used 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).

Compliance and Approvals

The adhesive S445 is suitable for contact with dry, moist and non-fatty foodstuffs in this construction. For complete information regarding the food contact compliance status, please contact your local sales representative for a Food Contact Statement.

Adhesive S445N has attained the two star certification for biobased content according to EN 16640, meaning that S445N contains certified Biobased Carbon Content of at least 40%. (TÜV AUSTRIA licensee number: S0259)



AF207

Fasson®

TUFF S445N-rBG40BR



TUFF

S445N

rBG40BR

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

*The OK biobased certification is only applicable to the adhesive S445N.

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

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.

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.

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Warranty

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