

Facestock

A cavitated white bi-axially oriented, polypropylene film with a print-receptive topcoat.

Basis Weight 42 g/m 2 ISO 536 Caliper 60 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 69 g/m^2 ISO 536 Caliper $60 \text{ } \mu \text{m}$ ISO 534

Laminate

Total Caliper 151 µm±10% ISO 534

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

Applications are predominantly in market segments where rigid containers are used (e.g. Glass, PET). Due to fairly rigid nature of the film care should be taken with use on non-uniform surfaces and where a very high level of squeezability is desired.

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).

Conversion and Printing

The modified acrylic based topcoating can be printed by conventional printing techniques including flexo, screen, offset, letterpress, silkscreen, gravure, and hot or cold foiling processes. UV, water-based and solvent-based inks can be used. The topcoat is designed for optimal ink adhesion. On-press corona treatment is not advised.

PP NG TOP White is suitable for Thermal Transfer printing. Exact inks, foils and ribbons should be specified by your ink/foil/ribbon supplier.

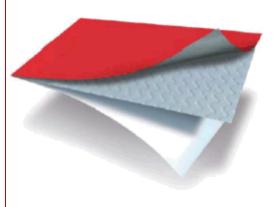
With certain UV Inkjet digital printers the material was found to be compatible, testing is highly recommended.

The material has very good register properties especially when a high number of different colours are used.

AB303

Fasson ®

PP NG TOP WHITE S445N-BG45WH FSC



PP NG TOP WHITE

S445N

BG45WH 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



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)



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

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.

Spec Code: AB303 | EAN Code: 8712739272628



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	20	++	Α	+	-
Armor AXR8	5	30	++	А	++	+
DNP R300	5	30	+	Α	++	++
DNP R510	5	20	++	Α	++	++
DNP R550	5	30	++	А	++	+
limak PM255	5	30	+	А	-	-
limak SP330	5	30	++	Α	++	-
Ricoh B110A-X2	5	20	++	Α	-	-
Ricoh B110CR	5	30	-	Α	++	-

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.

Avery Dennison Materials Group Europe

Willem Einthovenstraat 11 2342 BH Oegstgeest The Netherlands +31 (0)85 000 2000

Warranty

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