

Facestock

A gloss white polyester film with 'print treated' surface for enhanced ink adhesion.

Basis Weight	71 g/m ²	ISO 536
Caliper	50 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	72 g/m ²	ISO 536
Caliper	63 µm	ISO 534

Laminate

Total Caliper	141 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

The product is principally for use in 'durable' applications where heat and solvent resistance, barrier properties or long service life are required. The product is also suitable for use in 'graphic' applications where environmental 'substrate identical labelling' requires the use of a polyester label on polyester substrates.

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 print treated face can be printed by letterpress, flexo, gravure and screen delivering good print results with solvent. UV curing and water based inks. Especially with water based and UV screen inks care should be taken in selection and preliminary testing under end-user conditions. The effect of in-line corona treatment should be assessed on press. For ultimate print protection in 'harsh' or 'durable' applications full encapsulation via overlamination is recommended. Compatibility with resin based thermal transfer ribbons is good, giving good print definition and resistance to abrasion.

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.

AI140

Fasson ®

PET PT WHITE
S445N-BG45WH FSC



PET PT WHITE

S445N

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

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.

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.

Avery Dennison Materials Group Europe

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



Warranty

All Avery Dennison statements, technical information and recommendations are based on tests believed to be reliable but do not constitute a guarantee or warranty. All Avery Dennison products are sold with the understanding that purchaser has independently determined the suitability of such products for its purposes. All Avery Dennison's products are sold subject to Avery Dennison's general terms and conditions of sale, see <http://terms.europe.averydennison.com>

©2025 Avery Dennison Corporation. All rights reserved. Avery Dennison and all other Avery Dennison brands, this publication, its content, product names and codes are owned by Avery Dennison Corporation. All other brands and product names are trademarks of their respective owners. This publication must not be used, copied or reproduced in whole or in part for any purposes other than marketing by Avery Dennison.