

Facestock

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

Basis Weight 71 g/m^2 ISO 536 Caliper $50 \text{ } \mu \text{m}$ 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 μ m 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.

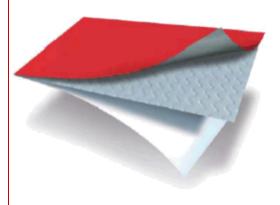
Compliance and Approvals

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

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Warranty

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