

Facestock

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

Basis Weight	60 g/m ²	ISO 536
Caliper	85 µm	ISO 534

Adhesive

A special purpose permanent, rubber based adhesive.

Liner

BG40WH FSC, a supercalandered siliconized white 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	57 g/m ²	ISO 536
Caliper	51 µm	ISO 534

Laminate

Total Caliper	165 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

This material is used for the production of tracking labels in indoor in mid-term outdoor environments. Typical applications include chemical drum labels, as well as labels on stretch and shrink-wrapped pallets where recycling may be required. The base film has good rigidity for larger label handling. Testing is recommended as this cavitated face might cause delamination on removal.

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).

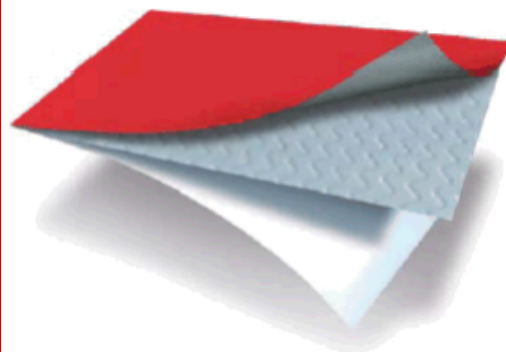
Conversion and Printing

The product is equipped with an absorbent top coat, providing a "paper-like" surface. This material features very good performance in thermal transfer printing as well as dot matrix and conventional pre-printing techniques. The topcoat has compatibility with a wide range of wax, wax/resin and resin based thermal transfer ribbons and is capable of producing high-resolution barcode prints. Due to the extensible nature of the face care should be taken with die specification. Sharp dies are essential. The material shows very good register stability on press and very good flat bed conversion while rotary and magnetic dies need additional care.

AA225

Fasson ®

TRANSFER PE HD90 S445N-BG40WH FSC



TRANSFER PE HD90

S445N

BG40WH 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.

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Warranty

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