

### Facestock

A white bi-axially oriented polypropylene film with a specific topcoating for very good transfer and anchorage of ElectroInk as used in the Indigo process, allowing a wide range of design and performance choices on rigid packaging and bottles.

|              |                     |         |
|--------------|---------------------|---------|
| Basis Weight | 56 g/m <sup>2</sup> | ISO 536 |
| Caliper      | 57 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 <sup>2</sup> | ISO 536 |
| Caliper      | 63 µm               | ISO 534 |

### Laminate

|               |            |         |
|---------------|------------|---------|
| Total Caliper | 149 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 used in a variety of labelling applications, when the advantages of digital printing: short runs, last minute changes, personalised layouts and fast turn-round full colour printing are required.

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

This product is qualified for HP Indigo digital printing. It includes a topcoat designed for printing with HP Indigo presses, ensuring excellent ink anchorage and image quality, without the need of in-line priming. Print quality in conventional processes and combination with laquers to be tested. Very good conversion characteristics in rotary and flat-bed. It is recommended to overvarnish or overlamine the product to protect the print for applications with high level of scratching.

### 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.

# BA012

## Fasson ®

### DIG INDI PP TOP WHITE S445N-BG45WH FSC



DIG INDI PP TOP 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](mailto: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.

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### Warranty

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