

### Facestock

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

Basis Weight	80 g/m <sup>2</sup>	ISO 536
Caliper	105 µm	ISO 534

### Adhesive

A general purpose permanent, rubber based adhesive.

### Liner

Liner rBG40 BROWN, a siliconized supercalendered glassine paper with 15% recycled (PCR) content. Being produced with recycled material, there is a possible higher incidence of impurities, visible fibers, and slight variation in tone.

The liner is made from FSC® certified paper (FSC Mix Credit, chain-of-custody number: CU-COC-807907, Licence Code: FSC-C004451).

Basis Weight	53 g/m <sup>2</sup>	ISO 536
Caliper	47 µm	ISO 534

### Laminate

Total Caliper	173 µm±10%	ISO 534
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### Performance Data

Initial Tack	21 N/25mm	FTM 9 Glass
Peel Adhesion 90°	10.5 N/25mm	FTM 2 St.St.
Min. Application Temp.	0 °C	
Service Temperature	-40 °C to 70 °C	

### Adhesive Performance

The adhesive features excellent tack and adhesion on a wide variety of substrates, including apolar, slightly rough and curved substrates. Particularly good performance at lower temperatures, e.g. labeling of chilled products.

### Applications and Use

Product gives very good performance in thermal transfer printing as well as dot matrix and conventional pre-printing techniques. The topcoating 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. The base film has good rigidity for larger label handling. Applications include medium life durable tracking labels in outdoor environments eg. chemical drum labels, or stretch and shrink wrapped pallet labels where recycling may be required.

### Conversion and Printing

The absorbent top-coat provides a 'paper like' surface for conventional preprinting. Due to the extensible nature of the face care should be taken with die specification. Sharp dies are essential. Material shows very good register stability on press and flat bed conversion while rotary and magnetic dies need additional care.

### Compliance and Approvals

The adhesive S2045N is suitable for contact with dry and moist, non-fatty foodstuffs. For complete information regarding the food contact compliance status, please contact your local sales representative for a Food Contact Statement.

## AN025

### Fasson ®

#### TRANSFER PEHD105 S2045N-rBG40BR FSC



TRANSFER PEHD105

S2045N

rBG40BR FSC



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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 S2045N has attained the two star certification for biobased content according to EN 16640, meaning that S2045N contains certified Biobased Carbon Content of at least 40%. (TÜV AUSTRIA licensee number: S0259)



\*The OK biobased certification is only applicable to the adhesive S2045N.

### Shelf Life

To obtain optimal performance, use this product within two years 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.

## Appendix

### Compliance with BS 5609

This material complies with BS 5609, Section two, Marine Immersion Test.

## Thermal Transfer Printing:

### Printability – Physical Resistance

Ribbon	Settings		Print Quality	ANSI Grade	Scratch resistance	Tape resistance
	speed	energy				
Armor AXR7+	5	30	++	A	++	+
Armor AXR8	5	30	++	A	++	++
DNP R300	5	30	+	A	++	+
DNP R550	5	30	-	B	++	-
limak PM255	5	20	++	A	-	0
limak SP330	5	30	+	A	++	+
Ricoh B110A-X2	5	20	++	A	-	+
Ricoh B120EC	5	30	--	F	++	++
Ricoh B110CR	5	30	+	A	++	++

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.

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#### Warranty

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