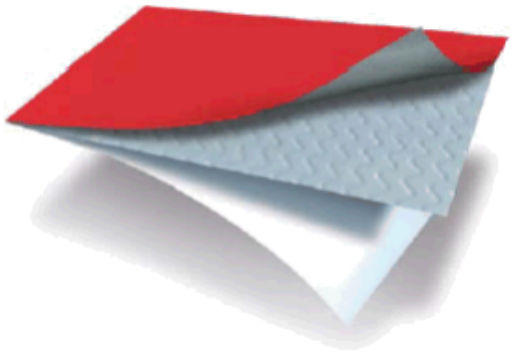
AT095

Fasson ®

THERMAL 200GP FSC S2045N-BG40BR



THERMAL 200GP FSC

S2045N

BG40BR

Facestock

A white woodfree, top coated thermal paper, with a black imaging thermosensitive coating providing good resistance to moisture, fat, oil, alcohol.

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

Basis Weight	76 g/m²	ISO 536
Caliper	82 µm	ISO 534
Image Density (Min)	1.2 odu	
Max Print Speed	200 mm/sec	

Adhesive

A general purpose permanent, rubber based adhesive.

Liner

BG40 brown, supercalendered glassine paper.

Basis Weight	54 g/m²	ISO 536
Caliper	47 µm	ISO 534

Laminate

Total Caliper	141 µm±10%	ISO 534

Performance Data

Initial Tack	18 N/25mm	FTM 9 Glass
Peel Adhesion 90°	9 N/25mm	FTM 2 St.St.
Min. Application Temp.	0 °C	
Service Temperature	-40 °C to 60 °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

This Direct Thermal product is designed for use in retail item level applications where some resistance to oil, moisture and heat is required, and some short term wet exposure can be expected. Typical end use applications include front of store labeling and wall-to-wall process tracking. Longer term contact with moisture, oil, fats, plasticiers and exposure to strong lighting can cause potential image fading.This product is produced without the use of Bisphenol (BP). The product complies with the Swiss ordinance (SR814.81) on the restriction of BPS*.* both Eu and Swiss authorities regulate on a 0.02% trace amount allowance, this is generally considered as free-off BPA or BPS.

Conversion and Printing

The product can be converted by all conventional roll conversion technologies including flexographic and UV letter press. However, due to the thermographic properties, exposure above 50°C may cause premature imaging or discoloration. It is advisable to test inks and varnishes before conversion.We generally recommend not to pre-print the label area that needs to be thermally printed.

FSC
www.fsc.org
FSC® C004451
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

Compliance and Approvals

The adhesive S2045N is suitable for contact with dry and moist, 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 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)

OK biobased

TÜV AUSTRIA

★★ S0259

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

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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