

Facestock

A white woodfree, thermal coated paper, with a top and backside protective coating. The black imaging thermosensitive coating provides very good resistance to moisture, fat, oil, alcohol, etc. This product is produced without the use of phenols (Phenols free).

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

Basis Weight	75 g/m ²	ISO 536
Caliper	74 µm	ISO 534
Background Density	0.20 odu	exposure: 80°C for 60 min
Background Density	0.25 odu	exposure: 90°C for 60 min
Brightness	>87 %	ISO 2470
CIE-whiteness	>105 %	ISO 11475
Image Density (Min)	1.20 odu	exposure: 80°C for 60 min
Image Density (Min)	1.20 odu	exposure: 90°C for 60 min
Opacity	>86 %	ISO 2471
Tensile MD	>4.7 kN/m	ISO 1924
Tensile CD	>2.3 kN/m	ISO 1924
Tear Strength MD	>325 mN	ISO 1974
Tear Strength CD	>370 mN	ISO 1974
Surface smoothness; Bekk	>1000 s	ISO 5627

Adhesive

A general purpose permanent, acrylic based adhesive.

Liner

BG40 BROWN FSC certified, supercalendered glassine paper.

Basis Weight	53 g/m ²	ISO 536
Caliper	46 µm	ISO 534

Second Adhesive

A general purpose permanent, acrylic based adhesive.

Second 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.

Basis Weight	53 g/m ²	ISO 536
Caliper	46 µm	ISO 534

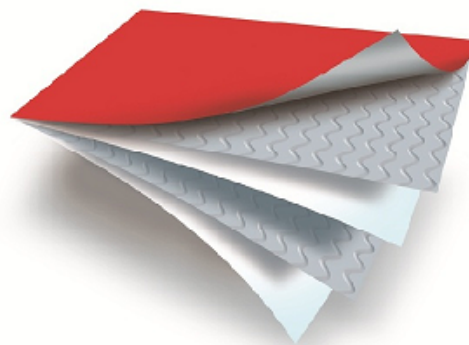
Laminate

Total Caliper	194 µm±10%	ISO 534
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AA687

Fasson ®

PB THERMAL TOP S8 PF FSC 2XS2000N-B40B/rB40B FSC



THERMAL TOP S8 PF FSC

S2000N

BG40BR FSC

S2000N

rBG40BR 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

Performance Data

Initial Tack	15 N/25mm	FTM 9 Glass
Peel Adhesion 90°	8 N/25mm	FTM 2 St.St.
Min. Application Temp.	5 °C	
Service Temperature	-20 °C to 80 °C	

Adhesive Performance

The adhesive is characterized by a high initial tack, excellent adhesion and good low temperature performance on a wide variety of substrates.

Applications and Use

This product is ideal for applications such as parking tickets, transportation tickets and receipts.

Conversion and Printing

The product can be converted by all conventional roll conversion technologies including: Letterpress, Offset, Screenprinting, UV flexo and Water-based flexo. This product is also suitable for variable information printing in: Direct thermal printing systems at printing speeds up to 200 mm/sec (based on the printer's set up).

IMPORTANT NOTES: Due to the thermographic properties, exposure above 50°C may cause premature imaging or discolouration. Inks containing alcohol or volatile organic solvents may cause discolouration of the thermosensitive coating. It is advisable to test inks and varnishes before conversion.

The special product lay-out could have an influence on conversion speed.

Compliance and Approvals

The adhesive S2000N is suitable for contact with dry, moist, and fatty foodstuffs that have a reduction factor of 4 or higher in this construction. For complete information regarding the food contact compliance status, please contact your local sales representative for a Food Contact Statement.

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.

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Warranty

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