

Facestock

A white woodfree, thermal coated paper, with a top and backside protective coating. The black imaging thermosensitive coating providing excellent resistance to moisture, fat, oil, alcohol, etc.

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/m ²	ISO 536
Caliper	75 µm	ISO 534
Image Density (Min)	1.35 odu	
Max Print Speed	300 mm/sec	

Adhesive

A general purpose permanent, acrylic based adhesive.

Liner

BG40 BROWN FSC certified, 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	54 g/m ²	ISO 536
Caliper	47 µm	ISO 534

Laminate

Total Caliper	136 µm±10%	ISO 534
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Performance Data

Initial Tack	16 N/25mm	FTM 9 Glass
Peel Adhesion 90°	9 N/25mm	FTM 2 St.St.
Min. Application Temp.	5 °C	
Service Temperature	-20 °C to 70 °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 Direct Thermal product is designed for use in pre-packed food wet applications where excellent resistance to oil, water and plasticizer over an extended period is required and high processing speed is a necessity. Typical end use applications include wet meat-packing, food cryovac, freeze-thaw (meat and fish) and wet cheese. Continuous exposure to an assortment of chemicals or continuous wet emersion will eventually cause image fading. The product complies with the Swiss ordinance (SR 814.81) on the restriction of BPS*. * both Eu and Swiss authorities regulate on a 0.02% trace amount allowance, this is generally considered as free-of 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.

AA176

Fasson ®

THERMAL 300HDPLUS S2000N-BG40BR FSC



THERMAL 300HDPLUS

S2000N

BG40BR 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

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 in this construction. For complete information regarding the food contact compliance status, please contact your local sales representative for a Food Contact Statement.

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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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