

### 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: C004451).

Basis Weight	75 g/m <sup>2</sup>	ISO 536
Caliper	74 µm	ISO 534
Max Print Speed	250 mm/sec	
Image Density (Typical)	1.3 odu	

### Adhesive

A general purpose permanent, rubber based adhesive.

### Liner

BG40 brown, a supercalendered glassine paper.

Basis Weight	56 g/m <sup>2</sup>	ISO 536
Caliper	49 µm	ISO 534

### Laminate

Total Caliper	136 µm±10%	ISO 534
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### Performance data

Initial Tack	22 N/25mm	FTM 9 Glass
Peel Adhesion 90°	11 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

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. 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 immersion will eventually cause image fading.

### Conversion & 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.

### Special Approvals

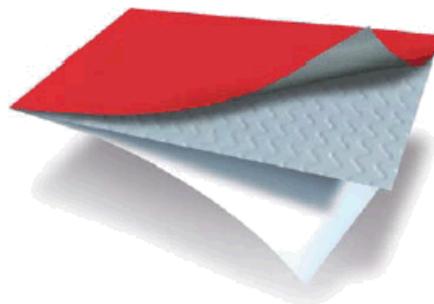
The adhesive complies with the European food directives and legislations, FDA 175.105 and the German recommendations XXI as published by BfR. BfR (Bundesinstitut für Risikobewertung) is the German Federal Institute for Risk Assessment. The adhesive can be used in direct contact with dry and moist, non fatty foodstuffs.

### Shelf life

One year under storage conditions as defined by FINAT (20-

## AJ109

### Fasson® THERMAL 200HDPLUS FSC - S2045N-BG40BR



THERMAL 200HDPLUS FSC

S2045N

BG40BR

*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)*

25°C; 40-50%RH)

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#### **Warranty**

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