

### Facestock

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

Basis Weight	71 g/m <sup>2</sup>	ISO 536
Caliper	79 µm	ISO 534
Max Print Speed	200 mm/sec	
Image Density (Typical)	1.3 odu	

### Adhesive

A general purpose permanent, acrylic based adhesive.

### Liner

BG40 brown, a supercalendered glassine paper.

Basis Weight	57 g/m <sup>2</sup>	ISO 536
Caliper	51 µm	ISO 534

### Laminate

Total Caliper	145 µm±10%	ISO 534
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### Performance data

Initial Tack	15 N/25mm	FTM 9 Glass
Peel Adhesion 90°	8 N/25mm	FTM 2 St.St.
Min. Application Temp.	0 °C	
Service temperature	-20°C to 60°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 transportation and logistics applications where a short term resistance to an assortment of chemicals, handling, plasticizers and very light moisture is required. Typical end use applications include courier, warehouse and process tracking. Long term contact with an assortment of chemicals or heavy moisture can cause potential image fading.

### Conversion & printing

The product is primarily recommended for use in blank label applications. Though applications using conventional roll conversion technologies including flexographic and UV letterpress can be considered providing testing is completed for the compatibility of inks in the specific thermal printing units. Also, 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 XIV 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.

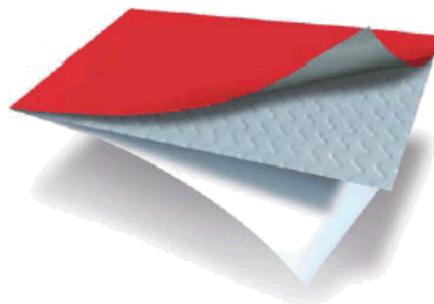
### Shelf life

Two years under storage conditions as defined by FINAT (20-25°C; 40-50%RH)

## AF098

## Fasson®

## THERMAL 200LL - S2000N-BG40BR



THERMAL 200LL

S2000N

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)*

**Avery Dennison Materials Group Europe**

Willem Einthovenstraat 11  
2342 BH Oegstgeest  
The Netherlands  
+31 (0)85 000 2000

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