

### Facestock

A white, woodfree printing paper with a high sensitivity thermal coating providing good image resolution. The facestock is made with FSC certified pulp (FSC Mix Credit , chain-of-custody number: CU-COC-807907).

Basis Weight	70 g/m <sup>2</sup>	ISO 536
Caliper	77 µm	ISO 534
Max Print Speed	200 mm/sec	
Image Density (Typical)	1.2 odu	

### Adhesive

A general purpose permanent, rubber based adhesive.

### Liner

BG40 brown, a supercalendered glassine paper.

Basis Weight	60 g/m <sup>2</sup>	ISO 536
Caliper	51 µm	ISO 534
Transparency	45 %	DIN 53147

### Laminate

Total Caliper	141 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 50°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 dry weigh scale, process tracking, point of sale item information labelling where limited image durability is required. Typical end applications include fruit and vegetable weigh scale, hardware, work-in-process material tracking. Contact with moisture, oil, fats, plasticizers and exposure to strong lighting should be avoided due to potential image fade.

### Conversion & printing

This product is designed to be converted and dispensed at high speed by all conventional roll conversion technologies, including flexographic and UV letterpress. Due to the thermographic properties, exposure above 50°C may cause premature imaging or discolouration. Inks containing alcohol or volatile organic solvents may also cause discoloration. It is advisable to test inks and varnishes before conversion. We generally recommend not to pre-print the area which will be thermally imaged.

### Special Approvals

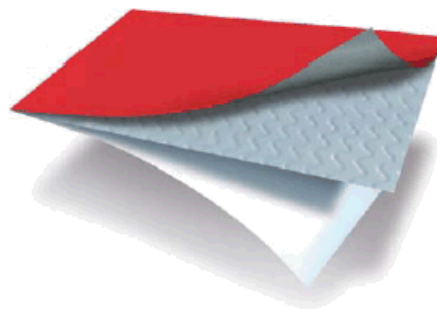
The adhesive complies with the European food directives and legislations, FDA 175.105 and the German recommendations XXI as published by BfR. BfR (Bundesinstitut für Risikobewertung) is the German Federal Institute for Risk Assessment. The adhesive can be used in direct contact with dry and moist, non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

### Shelf life

## AU740

### Fasson®

#### THERMAL 200LD FSC - S2045N-BG40BR LD



THERMAL 200LD FSC

S2045N

BG40BR LD

*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)*

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

### **Avery Dennison Materials Group Europe**

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#### **Warranty**

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