

### Facestock

A white woodfree, top and back coated, thermal paper with a high sensitivity and resolution, providing very good image stability for long-term storage, high scratch and heat resistance for handling and transportation, capable of replacing thermal transfer.

Basis Weight	79 g/m <sup>2</sup>	ISO 536
Caliper	81 µm	ISO 534
Max Print Speed	250 mm/sec	
Image Density (Typical)	1.35 odu	

### Adhesive

A general purpose permanent, rubber based adhesive.

### Liner

BG40 brown, a supercalendered glassine paper.

Basis Weight	55 g/m <sup>2</sup>	ISO 536
Caliper	49 µm	ISO 534

### Laminate

Total Caliper	144 µm±10%	ISO 534
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### Performance data

Initial Tack	18 N/25mm	FTM 9 Glass
Peel Adhesion 90°	9 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 prescription label applications where long term image stability and resistance to an assortment of chemicals is required. Typical end use applications include prescription label with patient name and dosage information.

### 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.

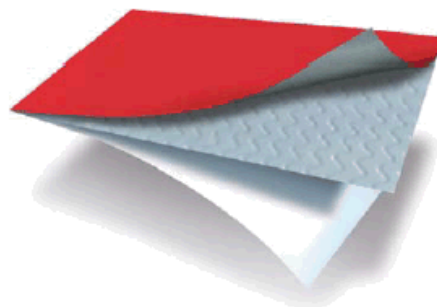
### Shelf life

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

## AL328

## Fasson®

### THERMAL 200SHD - S2045N-BG40BR



THERMAL 200SHD

S2045N

BG40BR

*This is an automatically generated datasheet. All data to be considered as typical values and subject to change without prior notice. The actual front and liner used might influence adhesive values. 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)*

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**Warranty**

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