

Facestock

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

Basis Weight	76 g/m ²	ISO 536
Caliper	82 µm	ISO 534
Max Print Speed	300 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	58 g/m ²	ISO 536
Caliper	51 µm	ISO 534

Laminate

Total Caliper	146 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 60°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 retail item level applications where some resistance to oil, moisture and heat is required, and some short term wet exposure can be expected and high processing speed is a necessity. Typical end use applications include front of store labeling and wall-to-wall process tracking. Longer term contact with moisture, oil, fats, plasticisers and exposure to strong lighting can cause potential 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

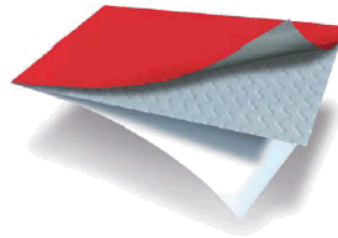
The adhesive complies with the European food directives and legislations, FDA 175.105 and the German recommendations XXI as published by BfR. BfR (Bundesinstitut für Risikobewertung) is the German Federal Institute for Risk Assessment. The adhesive can be used in direct contact with dry and moist, non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




Shelf life

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

AL312

Fasson® THERMAL 300GP - S2045N- BG40BR



THERMAL 300GP	
S2045N	
BG40BR	

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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 report a mistake on this datasheet, please send an email to datasheet.mgmt@eu.averydennison.com

Warranty

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