

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	74 g/m ²	ISO 536
Caliper	80 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	58 g/m ²	ISO 536
Caliper	51 µm	ISO 534

Laminate

Total Caliper	144 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 such typical applications like "cashier weigh" barcode labels printed on instore weighscale equipment, e.g. fruit, veg, deli as well as for any applications where short life or low contamination is common. The image may fade over a period of time if exposed to high humidity, conventional or fluorescent light.

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

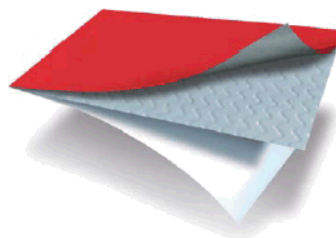
The adhesive complies with the European food directives and legislations, FDA 175.105 and the German recommendations XXI as published by BfR. BfR (Bundesinstitut für Risikobewertung) is the German Federal Institute for Risk Assessment. The adhesive can be used in direct contact with dry and moist, non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

Shelf life

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

AL300

Fasson® THERMAL ECO K10 FSC - S2045N-BG40BR



THERMAL ECO K10 FSC

S2045N

BG40BR

25°C; 40-50%RH)

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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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