

Facestock

A white woodfree, top coated thermal paper, with a black imaging thermosensitive coating providing good resistance to moisture, fat, oil. The facestock is made from FSC® certified paper (FSC Mix Credit, chain-of-custody number: CU-COC-807907, Licence Code: C004451).

Basis Weight	72 g/m ²	ISO 536
Caliper	79 µm	ISO 534
Max Print Speed	200 mm/sec	
Image Density (Typical)	1.3 odu	

Adhesive

A general purpose permanent, rubber based adhesive.

Liner

BG40 brown, a supercalendered glassine paper.

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

Laminate

Total Caliper	140 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 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 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.

REACH Compliance

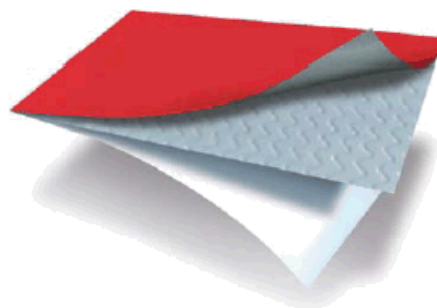
Notification according to Article 33 of the REACH Regulation (SVHC) This article contains the following substance which is included on the candidate list, according to article 59 (1,10) of the REACH registration, in a concentration above 0.1% (w/w): 4,4'-(propane-2,2-diyl)diphenol (BPA) (CAS No. 80-05-7)

Special Approvals

AL316

Fasson®

THERMAL 200LL FSC - S2045N-BG40BR



THERMAL 200LL FSC

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

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)

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Warranty

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