

Facestock

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

Basis Weight	76 g/m ²	ISO 536
Caliper	82 µm	ISO 534
Max Print Speed	250 mm/sec	
Image Density (Typical)	1.2 odu	

Adhesive

FR8 is a transparent, dispersion-based permanent, acrylic adhesive.

Liner

BG40 brown, a supercalendered glassine paper.

Basis Weight	57 g/m ²	ISO 536
Caliper	51 µm	ISO 534

Laminate

Total Caliper	151 µm±10%	ISO 534
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Performance data

Initial Tack	7 N/25mm	FTM 9 Glass
Peel Adhesion 90°	6 N/25mm	FTM 2 St.St.
Min. Application Temp.	-20 °C	
Service temperature	-50°C to 60°C	

Adhesive Performance

FR8 has been specially developed for deep-freeze applications - preferably below 15°C. The labelling of refrigerated products and products at room temperature is likewise possible, provided that they are immediately deep-frozen after labelling (shock-frozen to approx. -35°C). The best adhesion is obtained at sub-zero temperatures (maximum adhesion is obtained at -15°C), whereby care must be taken to ensure complete absence of ice on the surface.

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. 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

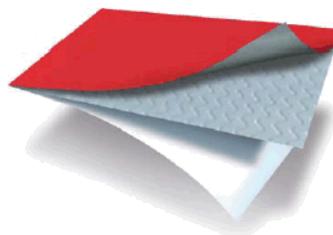
The product can be converted by all conventional roll conversion technologies including flexographic and UV letter press. However, due to the thermographic properties, exposure above 50°C may cause premature imaging or discoloration. It is advisable to test inks and varnishes before conversion. We generally 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, the German recommendations XIV as published by BfR. BfR (Bundesinstitut für Risikobewertung) is the German Federal Institute for Risk Assessment. The adhesive can be used

AT092

Fasson®
**THERMAL 200GP FSC - FR8-
BG40BR**



THERMAL 200GP FSC

FR8

BG40BR

in direct contact with dry and wet, non fatty foodstuffs.

Shelf life

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

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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

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