

Facestock

A white wood free paper, coated with a black imaging thermosensitive coating, providing very good resistance to plasticizers, oil & fat, heat, UV light.

The facestock is made with FSC certified pulp (FSC Mix Credit, chain-of-custody number: CU-COC-807907).

Basis Weight	81 g/m ²	ISO 536
Caliper	83 µm	ISO 534
Max Print Speed	250 mm/sec	
Image Density (Typical)	1.3 odu	

Adhesive

A general purpose removable, acrylic based adhesive.

Liner

BG40 brown, a supercalendered glassine paper.

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

Laminate

Total Caliper	148 µm±10%	ISO 534
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Performance data

Initial Tack	4 N/25mm	FTM 9 Glass
Peel Adhesion 90°	2 N/25mm	FTM 2 St.St.
Min. Application Temp.	-15 °C	
Service temperature	-30°C to 70°C	

Adhesive Performance

The adhesive features good tack and adhesion in combination with superior and clean removability from most substrates. Good UV resistance and long term removability. The adhesive allows label application at a wide temperature range and it retains its removable properties even at very low temperatures.

Applications and use

This Direct Thermal product is designed for use in general purpose DT product labeling where a short term resistance to wet immersion, assortment of chemicals, plasticizers and handling is required. Typical end use application include delicatessen, back of store, item level labeling and moist goods weigh scale. Long term contact with an assortment of chemicals or long term wet immersion can cause potential image fading.

R5000N removes clean from many substrates from polymeric (e.g. PET, PP, ABS), card and fibre board, aluminium, stainless steel or glass (not suitable for window labelling). The use of R5000N adhesive on certain types of cardboards, or recycled fibres can be critical and it is strongly recommended to proceed to application testing before use.

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.

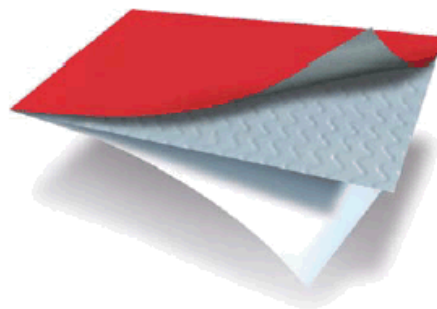
Special Approvals

The adhesive complies with the European food directives and legislations, FDA 175.105 and the German recommendations

AM130

Fasson®

THERMAL 200HD FSC - R5000N-BG40BR



THERMAL 200HD FSC

R5000N

BG40BR

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 comment on this datasheet, please send an email to datasheet.mgmt@eu.averydennison.com

XIV 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, moist and such kind of fatty foodstuffs which have a reduction factor of at least 3.

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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