

Facestock

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

Basis Weight	76 g/m ²	ISO 536
Caliper	75 µm	ISO 534
Max Print Speed	300 mm/sec	
Image Density (Typical)	1.35 odu	

Adhesive

A general purpose permanent, 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	141 µm±10%	ISO 534
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Performance data

Initial Tack	16 N/25mm	FTM 9 Glass
Peel Adhesion 90°	9 N/25mm	FTM 2 St.St.
Min. Application Temp.	0 °C	
Service temperature	-20°C to 70°C	

Adhesive Performance

The adhesive is characterized by a high initial tack, excellent adhesion and good low temperature performance on a wide variety of substrates.

Applications and use

This Direct Thermal product is designed for use in pre-packed food wet applications where excellent resistance to oil, water and plasticizer over an extended period is required and high processing speed is a necessity. Typical end use applications include wet meat-packing, food cryovac, freeze-thaw (meat and fish) and wet cheese. Continuous exposure to an assortment of chemicals or continuous wet emersion will eventually cause 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 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 and moist, non fatty foodstuffs.

Shelf life

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

AA176

Fasson®

THERMAL 300HDPLUS - S2000N-BG40BR



THERMAL 300HDPLUS

S2000N

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

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