

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 from FSC® certified paper (FSC Mix Credit, chain-of-custody number: CU-COC-807907, Licence Code: C004451).

Basis Weight	74 g/m ²	ISO 536
Caliper	77 µm	ISO 534
Max Print Speed	250 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	138 µm±10%	ISO 534
---------------	------------	---------

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 70°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 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.

This product is produced without the use of Bisphenol (BP). The product complies with the Swiss ordinance (SR 814.84) on the restriction of BPS*.

* both Eu and Swiss authorities regulate on a 0.02% trace amount allowance, this is generally considered as free-off BPA or BPS.

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.

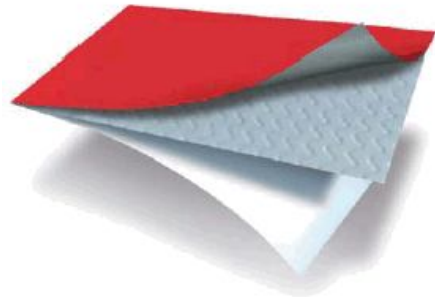
Special Approvals

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

BG191

Fasson®

THERMAL 200HD FSC - S2045N-BG40BR



THERMAL 200HD 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

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)

Avery Dennison Materials Group Europe

Willem Einthovenstraat 11
2342 BH Oegstgeest
The Netherlands
+31 (0)85 000 2000

Warranty

All Avery Dennison statements, technical information and recommendations are based on tests believed to be reliable but do not constitute a guarantee or warranty. All Avery Dennison products are sold with the understanding that purchaser has independently determined the suitability of such products for its purposes. All Avery Dennison's products are sold subject to Avery Dennison's general terms and conditions of sale, see <http://terms.europe.averydennison.com>



©2019 Avery Dennison Corporation. All rights reserved. Avery Dennison and all other Avery Dennison brands, this publication, its content, product names and codes are owned by Avery Dennison Corporation. All other brands and product names are trademarks of their respective owners. This publication must not be used, copied or reproduced in whole or in part for any purposes other than marketing by Avery Dennison.