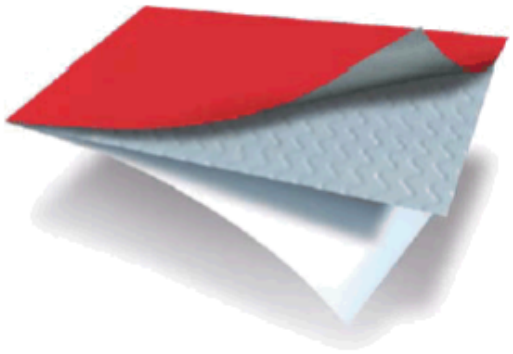
BM313

Fasson ®

THERMAL ECO BPA FREE FSC R5000N-BG40BR



THERMAL ECO BPA FREE FSC	
R5000N	
BG40BR	

Facestock

A white, woodfree direct thermal uncoated paper with a high sensitivity thermal coating providing good image resolution. The facestock is produced without use of Bisphenol A (BPA free). This paper material is produced in compliance with COMMISSION REGULATION (EU) 2016/2235 of 12 December 2016 amending Annex XVII to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the concentration of bisphenol A (CAS 80-05-7) in thermal paper.

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

Basis Weight	68 g/m²	ISO 536
Caliper	77 µm	ISO 534
Image Density (Min)	1.20 odu	
Max Print Speed	200 mm/sec	

Adhesive

A general purpose removable, acrylic based adhesive.

Liner

BG40 brown, supercalendered glassine paper.

Basis Weight	53 g/m²	ISO 536
Caliper	46 µm	ISO 534

Laminate

Total Caliper	131 µm±10%	ISO 534

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 80 °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 subzero temperatures and retains its removable properties over a wide temperature range.

Applications and Use

This Direct Thermal solution is designed for use in short term logistic, dry weight scale, process tracking, point of sale item information labelling where limited image durability is required. Typical end applications include shipping labels, fruit and vegetable weigh scale, hardware, work-in-process material tracking. Contact with moisture, oil, fats, plasticizers and exposure to strong lighting should be avoided due to potential image fade.

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.

FSC
www.fsc.org
FSC® C004451
The mark of responsible forestry

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

Conversion and Printing

This product is designed to be converted and dispensed at high speed by all conventional roll conversion technologies, including flexographic and UV letterpress. Due to the thermographic properties, exposure above 50°C may cause premature imaging or discolouration. Inks containing alcohol or volatile organic solvents may also cause discoloration. It is advisable to test inks and varnishes before conversion. We generally recommend not to pre-print the area which will be thermally imaged.

Compliance and Approvals

This direct thermal material is designed for direct contact with foodstuffs which are peeled, shelled or washed before consumption. It is the responsibility of the downstream user to ensure that the final food contact material is safe to use in the intended condition and in contact with foodstuffs. For more information on the exact applications please contact your sales representative.

The adhesive R5000N is suitable for contact with dry, moist, and fatty foodstuffs that have a reduction factor of 2 or higher in this construction. For complete information regarding the food contact compliance status, please contact your local sales representative for a Food Contact Statement.

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'-sulphonyldiphenol (CAS No. 80-09-1)

Shelf Life

To obtain optimal performance, use this product within one year of the date of manufacture, under storage conditions as defined by FINAT (20-25°C; 40-50%RH). Prolonged storage outside these conditions might reduce the shelf life.

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Warranty
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