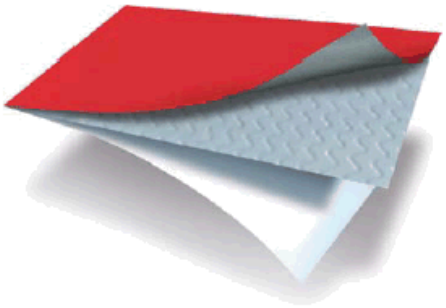
BL455

Fasson ®

THERMAL ECO BPA FREE FSC - S9500-BG40WH FSC



THERMAL ECO BPA FREE FSC	
S9500	
BG40WH FSC	

Facestock

A white, woodfree printing paper with a high sensitivity thermal coating providing good image resolution. The facestock is produced without use of Bisphenol A, however traces of Bisphenol A may be found in the final product .The facestock is made from FSC® certified paper (FSC Mix Credit CU-COC-807907, licence Code: C004451)

Basis Weight	71 g/m²	ISO 536
Caliper	79 µm	ISO 534
Max Print Speed	200 mm/sec	
Image Density (Typical)	1.2 odu	

Adhesive

S9500 is an acrylic based biodegradable and compostable adhesive.

Liner

BG40 white, a supercalendered glassine paper.

Basis Weight	60 g/m²	ISO 536
Caliper	53 µm	ISO 534

Laminate

Total Caliper	148 µm±10%	ISO 534

Performance data

Initial Tack	12.5 N/25mm	FTM 9 Glass
Peel Adhesion 90°	7 N/25mm	FTM 2 St.St.
Min. Application Temp.	5 °C	
Service temperature	-20°C to 50°C	

Adhesive Performance

The adhesive is characterized by a good initial tack and good adhesion on a wide variety of substrates.

Applications and use

This Direct Thermal product is designed for use in dry weigh scale, process tracking, point of sale item information labelling where limited image durability is required. Typical end applications include 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.
This product is produced without the use of Bisphenol A (BPA).
S9500 is ideal be used for all kinds of applications, but is specifically suited for those kinds of applications where the complete packaging should be biodegradable and where indirect or direct food contact with dry foodstuff is required (ie. fruits & vegetables labeling).
The liner is made from FSC® certified paper (FSC Mix Credit, chain-of-custody number: CU-COC-807907, Licence Code: C004451).

Conversion & 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.

Special Approvals

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

S9500 is compliant with the European food regulation 1935/2004/EC for direct food contact with dry, non-fatty foodstuff.

S9500 complies with DIN EN 13432 biodegradability and compostability regulation and is OK compost certified under the tracking number S259.

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