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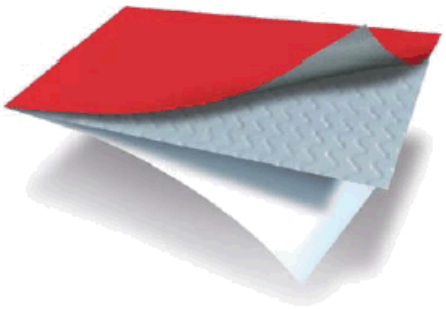
AO474

Fasson ®

THERMAL ECO L10 FSC - S9500-BG40WH



Facestock

A white, woodfree printing paper with a high sensitivity thermal coating providing good image resolution. The facestock is made from FSC® certified paper (FSC Mix Credit, chain-of-custody number: CU-COC-807907, Licence Code: C004451).

Basis Weight	70 g/m²	ISO 536
Caliper	77 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	61 g/m²	ISO 536
Caliper	54 µm	ISO 534

Laminate

Total Caliper	146 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 such typical applications like "cashier weigh" barcode labels printed on instore weighscale equipment , e.g. fruit, veg, deli as well as for any applications where short life or low contamination is common. The image may fade over a period of time if exposed to high humidity, conventional or fluorescent light.
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).

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.

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'-(propane-2,2-diyl)diphenol (BPA) (CAS No. 80-07-5)

Special Approvals

THERMAL ECO L10 FSC	
S9500	
BG40WH	

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

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

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

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