

Facestock

A white, woodfree printing paper with a sensitive thermal coating providing good image resolution.

Basis Weight	71 g/m ²	ISO 536
Caliper	79 µm	ISO 534
Max Print Speed	200 mm/sec	
Image Density (Typical)	1.2 odu	

Adhesive

A special 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	148 µm±10%	ISO 534
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Performance data

Initial Tack	13 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

WR3000, an acrylic based, semi-permanent adhesive with good initial tack and excellent water removability. The adhesive loses adhesion rapidly in contact with water, for this reason labels can be applied to dry substrates only.

The water removability performance depends partly on the available washing system and temperature, also the substrate and facestock (including printing and varnishing) are influencing factors.

Preliminary wash-off tests under actual enduse conditions are strongly recommended.

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.

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

N.B. It should be avoided that converted labels become wet during transportation or storage as this could have an adverse effect on the later removability.

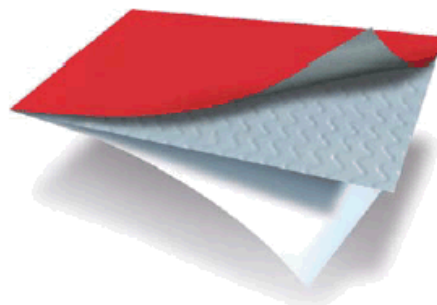
Shelf life

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

AD457

Fasson ®

THERMAL ECO J6 - WR3000-BG40BR



THERMAL ECO J6

WR3000

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 report a mistake on this datasheet, please send an email to datasheet.mgmt@eu.averydennison.com

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