

Facestock

A white woodfree, thermal coated paper, with a top and backside protective coating. The black imaging thermosensitive coating providing excellent resistance to moisture, fat, oil, alcohol, etc. The facestock is made with FSC certified pulp (FSC Mix Credit, chain-of-custody number: CU-COC-807907).

Basis Weight	75 g/m ²	ISO 536
Caliper	74 µm	ISO 534
Max Print Speed	250 mm/sec	
Image Density (Typical)	1.3 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	143 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 80°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 pre-packed food wet applications where excellent resistance to oil, water and plasticizer over an extended period is required. Typical end use applications include wet meat-packing, food cryovac, freeze-thaw (meat and fish) and wet cheese. Continuous exposure to an assortment of chemicals or continuous wet immersion will eventually cause image fading.

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.

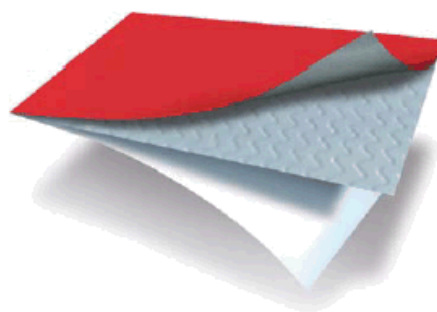
Special Approvals

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.

AA535

Fasson®

THERMAL TOP S8 FSC - WR3000-BG40BR



THERMAL TOP S8 FSC

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 comment on this datasheet, please send an email to datasheet.mgmt@eu.averydennison.com

Shelf life

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

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Warranty

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