

Facestock

A white, high gloss, coated paper with a highly absorbent surface structure specifically designed for waterbased ink jet printing. Gives excellent colour reproduction and bright, vivid colours. The facestock is made from FSC® certified paper (FSC Mix Credit, chain-of-custody number: CU-COC-807907, Licence Code: C004451).

Basis Weight	86 g/m ²	ISO 536
Caliper	102 µm	ISO 534
CIE-whiteness D65	155 pts	ISO 11475

Adhesive

A general purpose removable, acrylic based adhesive.

Liner

BG40 white, a supercalendered glassine paper.

Basis Weight	60 g/m ²	ISO 536
Caliper	53 µm	ISO 534

Laminate

Total Caliper	168 µm±10%	ISO 534
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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 a wide temperature range and it retains its removable properties even at very low temperatures.

Applications and use

The product is used in a variety of labelling applications, when the advantages of digital printing: short runs, last minute changes, personalised layouts and fast turnaround full colour printing are required.

- Quick drying and enhanced moisture resistance offer good handleability after printing.
- Glossy premium face paper for prestigious labels (gifts, cosmetics, special editions).
- Good barcode readability, high opacity, very good dot definition, excellent black printing quality.

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

Conversion & printing

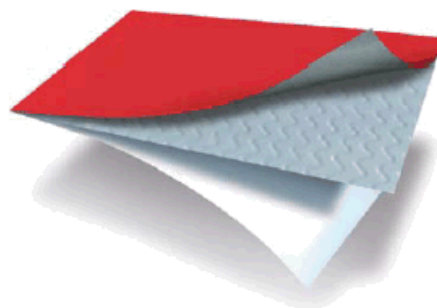
Compatible with OEM labelling equipment, such as Epson, Primera, Memjet and other water-based inkjet systems. Optimised for dye and pigment inks.

In addition to Ink Jet the material can be printed by Thermal Transfer and conventional technologies; we recommend flexo

AD145

Fasson ®

DEMAND JET GLOSS FSC - R5000N-BG40WH FSC



DEMAND JET GLOSS FSC

R5000N

BG40WH FSC

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

for best results using low viscosity inks, the ink consumption may be high due to the nature of the paper.

The material can be converted by roll-to-roll conversion technologies.

Special Approvals

R5000N complies with European food regulation 1935/2004/EC, with the German Recommendation (BfR) XIV and with FDA § 175.105. It also meets the demands of the limit values laid down in 10/2011/EU. In accordance with the requirements of relevant EU food regulations, the adhesive R5000N may safely stand in direct contact with dry, moist and fatty foodstuffs which have a reduction factor of at least 2 according to the Commission Regulation (EU) No 10/2011, with vegetable oil as fatty food simulant used for migration testing.

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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