

Facestock

White polypropylene film with thermo-sensitive coating (black imaging).

Basis Weight	78 g/m ²	ISO 536
Caliper	100 µm	ISO 534

Adhesive

A general purpose removable, acrylic based adhesive.

Liner

BG40 brown, a supercalendered glassine paper.

Basis Weight	55 g/m ²	ISO 536
Caliper	49 µm	ISO 534

Laminate

Total Caliper	163 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

A durable synthetic material with enhanced tear resistance and high sensitivity for use in a wide range of applications, including commercial tagging, wristbands, sport/game licensing, amusement pass, and ski lift tickets where short life or low contamination is common.

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.

Conversion & printing

This thermo-sensitive product is designed for use in thermal printing systems at printing speeds up to 200 mm/sec. 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, it may cause premature imaging or discolouration. Inks containing alcohol or volatile organic solvents may cause discolouration of the thermosensitive coating. It is advisable to test inks and varnishes before conversion.

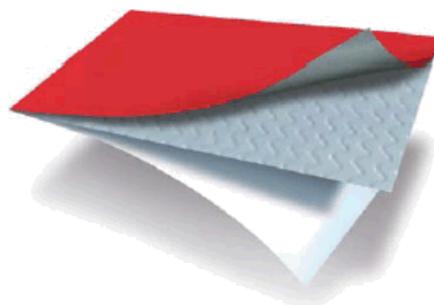
Special Approvals

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,

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Fasson®

THERMAL PP100 TOP WHITE - R5000N-BG40BR



THERMAL PP100 TOP WHITE	
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R5000N	
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BG40BR	
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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

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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