

Facestock

A white co-extruded film consisting of an expanded polystyrene layer with gloss clear high-impact polystyrene printable skin.

Basis Weight	54 g/m ²	ISO 536
Caliper	165 µm	ISO 534

Adhesive

A special purpose permanent, rubber based adhesive.

Liner

BG40 brown, supercalendered glassine paper.

Basis Weight	53 g/m ²	ISO 536
Caliper	46 µm	ISO 534

Laminate

Total Caliper	232 µm±10%	ISO 534
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Performance Data

Initial Tack	16.5 N/25mm	FTM 9 Glass
Peel Adhesion 90°	9 N/25mm	FTM 2 St.St.
Min. Application Temp.	-5 °C	
Service Temperature	-40 °C to 80 °C	

Adhesive Performance

The adhesive is suitable for general application on a wide range of substrates at temperatures down to - 5°C. Excellent tack and adhesion to most surfaces, including apolar materials such as polyethylene. Even on slightly damp surfaces, the adhesive often performs well.

Applications and Use

This product is principally used as a base material for 'security labeling'. It offers a versatile tamper evident film which can be converted into shaped labels - yet will fracture on attempted removal. This performance is obtained via its unique structure which consists of a relatively strong print skin - allowing shapes to be die cut, stripped, and extruded onto a foamed under-surface layer which will split if the label is removed after application. Typical applications are for secure 'closures' in pharma, electronics and automotive spares. It is recommended to add security cuts into the label.

Conversion and Printing

The product can be printed by all conventional roll label technologies including offset litho, UV letterpress and UV flexo. On press corona is recommended for optimum ink adhesion. Print impression pressure should be 'backed off' to prevent collapse of the foamed structure.

Shelf Life

To obtain optimal performance, use this product within two years of the date of manufacture, under storage conditions as defined by FINAT (20-25°C; 40-50%RH). Prolonged storage outside these conditions might reduce the shelf life.

AB153

Fasson ®

FOAMTAC II S451-BG40BR



FOAMTAC II	
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S451	
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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. 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*

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