

Facestock

Fiber Tracker is an OBA free security paper, containing visible (blue) fibers and UV luminescent fibers. The fibers are randomly distributed, creating a unique identifier in combination with a serialized QR code.

Basis Weight	80 g/m ²	ISO 536
Caliper	110 µm	ISO 534

Adhesive

A special purpose permanent, rubber based adhesive.

Liner

BG45 white, a supercalendered glassine paper.

Basis Weight	72 g/m ²	ISO 536
Caliper	63 µm	ISO 534
Transparency	50 %	DIN 53147

Laminate

Total Caliper	189 µm±10%	ISO 534
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Performance data

Initial Tack	23 N/25mm	FTM 9 Glass
Peel Adhesion 90°	12 N/25mm	FTM 2 St.St.
Min. Application Temp.	0 °C	
Service temperature	-40°C to 70°C	

Adhesive Performance

The adhesive features excellent tack and adhesion on a wide variety of substrates, including apolar, slightly rough and curved substrates. Particularly good performance at lower temperatures, e.g. labeling of chilled products.

Applications and use

Product can be used as a consumer verifiable authentication method. After production of the labels, they need to be uploaded by ProofTag, or in cooperation with ProofTag into a data warehouse. Consumers can verify authenticity of the label by scanning the QR code with a smart device, and will receive the corresponding fiber pattern on their screen.

Conversion & printing

Product is printable by HP Indigo, provided a correct coating is applied to receive the print. Digital printing is required, as the barcode needs to be serialized to create a unique combination with the fiber pattern.

Special Approvals

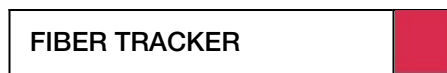
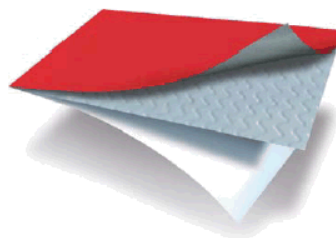
The adhesive complies with the European food directives and legislations, FDA 175.105 and the German recommendations XIV as published by BfR. BfR (Bundesinstitut für Risikobewertung) is the German Federal Institute for Risk Assessment. The adhesive can be used in direct contact with dry and moist, non fatty foodstuffs.

Shelf life

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

AS514

Fasson® FIBER TRACKER - S2060N- BG45WH



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