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PE white matt

Permanent

Facestock

A matt white PEHD film with paper like coating for matrix and thermal transfer printing.

Basis weight	75	g/m ²	ISO 536
Caliper	95	µm	ISO 534
Raw material	1906004		

Adhesive

A transparent, rubber-based permanent, synthetic adhesive.

Liner

BG50 white, a supercalendered glassine paper.

Basis weight	78	g/m ²	ISO 536
Caliper	68	µm	ISO 534

Laminate

Total Caliper	194	µm ±10%	ISO 534
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Performance Data

Initial Tack	33	N/25mm	FTM 9 Glass
Peel Adhesion 90°	17	N/25mm	FTM 2 St.St.
Min. application temp.	-5	°C	
Service temperature	-40° C to 70° C		

Adhesive Performance

An adhesive for moist or cold surfaces, e.g. for affixing logistic labels to packaging film. Also suitable for difficult surfaces (but not for sharp corners or small radii of curvature).

Application & use

Product gives very good performance in thermal transfer printing as well as dot-matrix and conventional pre-printing techniques. The topcoating has compatibility with a wide range of wax, wax/resin and resin based thermal transfer ribbons and is capable of producing high resolution barcode prints. The base film has good rigidity for larger label handling. Applications include medium life durable tracking

labels in outdoor environments eg. chemical drum labels, stretch and shrink wrapped pallet labels where recycling may be required.

Conversion & printing

The absorbent top-coat provides a 'paper like' surface for conventional preprinting. Due to the extensible nature of the face, care should be taken with die-specification. Sharp dies are essential. Material shows very good register stability on press and flat bed conversion. However, rotary and magnetic dies need additional care.

Special approvals

The adhesive complies with the European food directives and legislations, FDA 175.105 and the German recommendations XXI 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

This material complies with BS 5609, Section two, Marine Immersion Test. 12 months under storage conditions as defined by FINAT (20-25° C; 40-50% RH).

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This publication replaces all previous versions. All information is subject to change without notice.



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