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PE white matt

Removable

Facestock

A matt white PE film with paper like coating for thermal transfer printing.

Basis weight	80	g/m ²	ISO 536
Caliper	73	µm	ISO 534
Raw material	1905030		

Adhesive

A transparent, dispersion-based removable, acrylic adhesive.

Liner

BG40 white, a supercalendered glassine paper.

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

Laminate

Total Caliper	145	µm ±10%	ISO 534
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Performance Data

Initial Tack	4	N/25mm	FTM 9 Glass
Peel Adhesion 90°	2.5	N/25mm	FTM 2 St.St.
Min. application temp.	0	° C	
Service temperature	-40° C to 100° C		

Adhesive Performance

A highly transparent adhesive with high ageing stability for removable labels, e.g. for cosmetics and pharmacy applications.

Application & use

PE white matt is used in all cases, where paper because of the application need cannot be used (e.g. weather resistance, compatibility for recycling). The film can be printed like paper due to the special coating. The adhesive removes clean from many substrates from polymeric (PET, PP, ABS, PS), fiberboard, aluminium, stainless steel, glass, window labelling (with limited outdoor UV exposure).

Preliminary testing is recommended. The liner is made from FSC® certified paper.

Conversion & printing

PE white matt gives very good results in all classical printing processes, for which conventional or UV curing inks for paper printing should be used. For thermal printing applications we recommend the use of synthetic resin ribbons. Prior to use, the printing inks and/or printing ribbons should be checked for suitability.

Special approvals

The adhesive complies with European food regulation 1935/2004/EC and with the German Recommendation (BfR) XIV. 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 may safely stand in direct contact dry, moist non-fatty foodstuffs. Furthermore, the seams (edges) of the label material may safely come into direct contact with foodstuffs. According to FDA regulations, the adhesive may come into direct contact with dry foodstuffs, or alternatively it must be separated from the foodstuffs by a functional barrier.

Shelf life

12 months under storage conditions as defined by FINAT (20-25° C; 40-50 % RH).

Disclaimer

The performance of the product should always be tested in the actual application conditions. Our recommendations are based on our most current knowledge and experience. As our products are used in conditions beyond our control, we cannot assume any liability for damage caused through their use. Users of our products are solely responsible that the product is suitable for its intended application, and have determined such at their sole discretion. Users must comply with any applicable legislation and/or testing requirements for the finished article, and are responsible for bringing their products to market.

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



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