



Security

White matt PE permanent

Characteristics Label

Label material	Security white matt PE permanent
Raw material	1904302
Adhesive bond	Rolls
Product	A matt, white, clay-coated cavitated polyethylene film.
Use	Designed for security applications such as product sealing as well as brand and bar authentication.

Typical technical values

Substance	60	g/m ²	DIN 53352
Caliper	109	µm	DIN 53370
Tensile strength MD	37.0	kN/m	DIN 53455
Tensile strength CD	30.0	kN/m	DIN 53455
Opacity	92	%	DIN 53146/1

Printability Suitable for flexography, screen, letterpress and offset, hot foil stamping and embossing. Thermal transfer is possible with selected ribbons.

Additional info Testing is recommended for each face-adhesive combination in each application to ensure that the labels' security features function as required. Labels should be applied to substrates for a minimum of one day for the security features to be effective.

Characteristics Adhesive

Adhesive	Permanent
Type	Permanent adhesive.
Composition	Acrylic, water-borne.
Use	General purpose high-tack adhesive for white films in combination with paper liners. This softer adhesive is typically used in the labelling of uneven PE and PP surfaces, providing immediate repositionability and then strong final adhesion in application.

Typical technical values

Tack	17	N/25mm FTM 9
Service temp. min.	-20	°C
Service temp. max.	70	°C

Limitations High temperature/humidity during the storage might cause adhesive bleeding from the edges of the rolls. UV resistance of the adhesive is limited. Not recommended for transparent face materials.

Characteristics Glassine

Backing	HD 70
Product	A white transparent glassine backing paper.
Use	Designed for film label materials providing a firm base for the conversion process due to high density of the material.

Typical technical values

Substance	60	g/m ²	ISO 536
Caliper	53	µm	ISO 534
Tensile strength MD	6.6	kN/m	ISO 1924
Tensile strength CD	2.5	kN/m	ISO 1924
Transparency	50	%	DIN 53147

Shelf life From date of manufacture: 12 months, under FINAT defined storage conditions (+20-25° C and RH 40-50 %). Prolonged storage at higher temperatures and/or humidity levels will shorten the shelf life.

Disclaimer

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



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