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Polyethylene (PE)

White glossy permanent

Characteristics Label

Label material	PE white glossy permanent
Raw material	1905027
Adhesive bond	Rolls
Product	A white, glossy, top-coated polyethylene film.
Use	Multi-purpose label face for conformable and squeezable applications where good water, oil and chemical resistance is needed. This label face complies with EU regulations on food safety.

Typical technical values

Substance	93	g/m ²	ISO 536
Caliper	94	µm	ISO 534
Opacity	86	%	ISO 2471

Printability Suitable for flexography, screen and offset printing methods. Thermal transfer is possible with selected wax-resin and resin ribbons.

Approvals For food labeling applications, please consult your Carl Valentin contact for the Declaration of Conformance (DoC) document for further compliance information.

Additional info Top-coating ensures good ink anchorage without extra corona treatment at press. There is a tendency in all PE film for slight machine-direction shrinkage as the film relaxes after die-cutting.

Characteristics Adhesive

Adhesive	Permanent
Type	Permanent
Composition	Waterborne acrylic.
Use	Multipurpose adhesive for film labelling applications, providing very good adhesion to all typical packaging materials such as HDPE, PP, PET, glass and metal. Good resistance to water, chemicals, oils and UV-light.

Typical technical values

Tack	10	N/25mm FTM 9
Labeling temp. min.	5	°C
Service temp. min.	-20	°C
Service temp. max.	80	°C

Limitations Limited adhesion at low temperatures. The highest application temperature is dependent on the face material.

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Characteristics Glassine

Backing	HD-FSC
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	57	g/m ²	ISO 536
Caliper	50	µm	ISO 534
Tensile strength MD	6.0	kN/m	ISO 1924
Tensile strength CD	2.3	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

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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