GENERAL PRODUCT INFORMATION

Product Name:	Best Before Label 22mm x 16mm
Product Code:	3245
Date of Issue:	18/11/2021

Frontal Paper:

White, machine-finished label paper, PEFC certified

Grammage:	Approx. 70 g/m^2	ISO 536
Caliper:	Approx. 67 um	ISO 534
Tensile Strength MD:	Approx. 83 N/15mm	DIN 53112
Tensile Strength CD:	Approx. 43 N/15mm	DIN 53112
Stiffness MD:	Approx. 150mN	DIN 53121
Stiffness CD:	Approx. 77mN	DIN 53121
Opacity:	Approx. 83%	ISO 2471

Application and use

The machine-finished surface of the ecf bleached HERMAwhite offers an excellent quality of the imprint with all traditional printing methods. The material is equally suitable for thermo transfer printing and is thus universally applicable. It is also perfect for laser printers.

The pulp for this paper comes from PEFC certified forest management. This guarantees improvements in sustainable forest management regarding ecologic, social and economic standards.
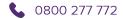
The shelf life of following adhesive combinations 92C, 92K, 62K, 42N and 42R are restricted to one year after manufacturing.

Regulations concerning contact with food

This paper is approved according to the BfR Recommendation XXXVI.

This paper grade according to the sample material submitted may be used safely for food packaging. It may stand in direct contact with dry and fatty foodstuffs. (ISEGA Research and Development Institute, Aschaffenburg).

Backing Paper:

Honey, supercalendered glassine

Grammage	approx. 59 g/m^2	ISO 536
Caliper	approx. 51 μm	ISO 534
Tensile strength MD	approx. 80 N/15 mm	DIN 53112
Tensile strength CD	approx. 45 N/15 mm	DIN 53112
Transparency	approx. 54 %	DIN 53147

Application and use

The supercalendered glassine is perfectly suited for assignment in labelling machines equipped with optical ormechanical scanners.

Processing

As part of a self-adhesive compound HERMA PH (523) offers excellent die-cutting characteristics with allcustomary flatbed and rotary die-cutting tools.

Regulations concerning contact with food

The paper complies with recommendation BfR XXXVI.

Adhesive:

Permanent adhesive, acrylic based

Tack	very high	
Peel adhesion	very high	
Shear	very high	
Minimum application temperature	-10 °C	
Service temperature	-30 °C to +80 °C (up to 200 °C for shortperiods - hot fusing)	

Application and use

The adhesive 62Gpt shows a very high tack even on cold surfaces down to -10 °C. Due to the high initial tack even on moist surfaces 62Gpt is particularly suited for labelling polar and nonpolar surfaces such as plastic containers, film wrappings and other packaging materials. The 62Gpt suits especially well for fast running dispensers, in whichthe initial tack has to be built up extremely quickly as f.ex. when the labels are blown on the substrate. Once labelled the adhesive is highly waterproof.
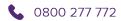
Processing
Excellent die-cutting characteristics on all customary machines.

Storage conditions and shelf life
Storing at a temperature of 20 ± 5°C, a relative humidity of 45 ± 5% and a dark storage is recommended.Moisture, heat and direct sunlight have to be avoided. The shelf life is 2 years from date of production.

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Regulations concerning contact with food
All ingredients of adhesive 62Gpt comply with recommendations BfR XIV or FDA 21 CFR 175.105 (Adhesives).

The adhesive 62Gpt according to the sample material submitted may be used safely for the reverse coating of labels for the labelling of foodstuffs. It may stand in direct contact with dry, moist and such kind of fatty foodstuffsto which a correction factor of at least 3 can be applied according to the Regulation (EU) No 10/2011. Furthermore,the adhesive may be used for laminating various materials. In this case, the seams may safely come into directcontact with foodstuffs. (The certificate of compliance is a valid until September 26, 2021).