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# Transfer ECO 42N

## Removable

**White, machine-finished label paper, PEFC-certified**

### Specifications

Raw Material	1901003		
Grammage	approx. 69	g/m <sup>2</sup>	ISO 536
Caliper	approx. 66	µm	ISO 534
Tensile strength MD	approx. 77	N/15mm	DIN 53112
Tensile strength CD	approx. 40	N/15mm	DIN 53112
Stiffness MD	approx. 140	mN	DIN 53121
Stiffness CD	approx. 75	mN	DIN 53121
Opacity	approx. 85	%	ISO 2471

### Application & use

The machine-finished surface of the ecf bleached Thermo ECO 42N offers an excellent quality of the imprint with all conventional printing methods. The material is equally suitable for thermal 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.

### 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).

## Adhesive

**Removable, acrylic-based adhesive.**

### Specifications

Tack	medium
Peel adhesion	low (removable)
Shear	high
Min. application temp.	-25° C
Service temperature	-40° C to + 60° C (up to 200° C for short periods – hot fusing)

**Application & use** The adhesive is suitable for applications requiring medium tack combined with good removability. It is particularly suited for labelling surfaces like cardboard, PE-Films and steel. Removability may be impaired if applied on certain surface coated materials. The adhesive features excellent resistance to light, heat and ageing.

**Processing** Excellent die-cutting characteristics on all customary machines.

**Regulations concerning contact with food** The adhesive according to the sample material submitted may be used safely for the reverse coating of labels for the labelling of foodstuffs for a storage at room temperature. It may stand in direct contact with dry, moist and fatty foodstuffs. Furthermore, the adhesive may be used for laminating plastic films. In this case, the seams may safely come into direct contact with foodstuffs. The certificate of compliance is valid until September 27, 2020.

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## PH (523)

**Honey, supercalendered glassine.**

### Specifications

Grammage	approx. 56	g/m <sup>2</sup>	ISO 536
Caliper	approx. 50	µm	ISO 534
Tensile strength MD	approx. 78	N/15mm	DIN 53112
Tensile strength CD	approx. 35	N/15mm	DIN 53112
Transparency	approx. 52	%	DIN 53147

**Application & use** The supercalendered glassine is perfectly suited for assignment in labelling machines equipped with optical or mechanical scanners.

<b>Processing</b>	As part of a self-adhesive compound PH (523) offers excellent die-cutting characteristics with all customary flatbed and rotary die-cutting tools.
<b>Storage conditions &amp; shelf life</b>	<p>12 months – storing at a temperature of <math>20 \pm 5^\circ \text{C}</math>, a relative humidity of <math>45 \pm 5\%</math> and a dark storage is recommended. Moisture, heat and direct sunlight have to be avoided.</p> <p>If the storage conditions and the conditions at the place of converting are different, the material should have enough time for acclimatisation. Otherwise this might lead to converting problems. Generally the material should be unpacked just before converting.</p> <p>Self-adhesive materials should be converted systematically based on the principle “first-in-first-out”. Also the shelf-life should be taken into account.</p>
<b>Regulations concerning Contact with food</b>	The paper complies with recommendation BfR XXXVI.

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## Disclaimer

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