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## **Characteristics Label**

Label material Thermal ECO permanent

Raw material 1900025 Adhesive bond Rolls

Product A non-top coated paper with a high sensitivity thermal coating produced totally

without BPA-based chemistry. This face paper is made from FSC ™-certified (mix

credit) pulp. Limited resistance to thermal image scratching or smudging.

Use Designed for information labelling in dry environments such as price marking and

other short life retail and logistics end-uses. Avoid contact with plasticizers (PVC),

moisture, oil and fats.

#### Typical technical values

Substance	71	g/m²	ISO 536
Caliper	79	μm	ISO 534
Tensile strength MD	3.90	kN/m	ISO 1924/2
Tensile strength CD	1.9	kN/m	ISO 1924/2
Brightness	92	%	ISO 2470/3

1.9 ISO 8791 PPS 10 / max Roughness μm

Imaging colour **Black** 

Scanning Visible red light (wavelength up to 650 nm). DT printing speed Direct thermal printing speed up to 300 mm/s.

Optical density Direct thermal print 1.27 (min)

Suitable for direct thermal and water based flexography. **Printability** 

Store at constant temperature (20° C, RH 50%) in the dark. Exposure to strong Storage Recommendations

sunlight or strong artificial light should be avoided. Also avoid the influence of

aggressive chemicals.



## **Characteristics Adhesive**

Adhesive Permanent

Type General purpose permanent adhesive.

Composition Acrylic, water-borne.

Use Designed for use in ambient environment in wide range of applications. Very good

adhesion performance on variety substrates, including non-polar surfaces, films,

and corrugated board. Good low temperature performance.

### **Typical technical values**

Tack 18 N/25mm FTM 9

Labeling temp. min. 0 °C Service temp. min. -20 °C Service temp. max. 80 °C

**Limitations** Use on packaging with small diameter or test tubes might be restricted.

**Approvals** For food packaging applications, please contact your local sales representative for

the individual Declaration of Conformance (DoC) document for further compliance

information.

# **Characteristics Glassine**

Backing HONEY GLASSINE 65

Product Yellow transparent glassine backing paper.

Use Designed for all reelstock applications; suitable for automatic dispensing.

#### **Typical technical values**

Substance	57	g/m²	ISO 536
Caliper	51	μm	ISO 534
Tensile strength MD	6.2	kN/m	ISO 1924
Tensile strength CD	2.3	kN/m	ISO 1924
Transparency	49	%	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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