



Face Material

weight

70±10%g/m² ISO 536

thickness

0.075±10%mm ISO 534

material

TOP Thermal paper with protective coating resistance to water, grease, scratch, and a certain alcohol-proof

Liner

58±10%g/m² ISO 536

0.055±10%mm ISO 534

Yellow glassine treated with super calender

Adhesive

General-purpose hot melt adhesive with high initial tack and excellent performance on many packaging materials. Not suitable for application on PVC surfaces. Bottles with small diameters and irregular surfaces or frequently squeezed are not recommended. A comprehensive labeling test must be conducted in the final use environment before applied. Suitable for low temperatures or rough surfaces. Usually used with films.

Peel adhesion

Initial adhesion
14N/25mm or tear off FTM
9 st.st

20 minutes Peel adhesion value on
steel at 180° 16N/25mm or tear
off FTM 1 st.st

20 minutes Peel adhesion value on steel
at 90° 8N/25mm or tear off FTM 2
st.st

Temperature

Min. Appl. Temp. 10 °C

Service Temp. -15~65°C (after 24hrs)

Applications

The thermal sensitivity of this thermal product is suitable for electronic scale printing. It is recommended to test it before use to avoid any long-term exposure to an environment above 80°C or direct sunlight to protect product quality. The product is suitable for the occasions that are currently sold and discounted. Not recommended for use in preloaded environments. It is not suitable for immersion in water or stored in a humid environment. After the label is printed, it cannot be placed in a place that is easily contaminated with animal and vegetable oils or chemicals, so as to avoid the barcode being unscannable.

The above suggestion, application, and elaboration are not intended as the guarantee of Siga. All sales of Siga products shall be tested by customer in the final environment to confirm compliance with the requirements of the use of environment.

Printing Methods

Suitable for most printing methods and inks. Pre-press ink testing is necessary. Note that the temperature during ink drying should not be higher than 45°C to prevent irreversible curling of the surface material. Can be overprinted, die-cut and discharged at high speed on a rotary press. Due to the thin substrate, it is advisable to use a sharp die. Avoid excessive tension, which may cause the label to overflow.

Shelf life

12 months, applicable only to the material delivered by Siga which has not undergone further processing, under the following **STORAGE CONDITIONS**:

- This material must be stored at a temperature of 23±2°C and 50±5% of Relative Humidity.
- Storage area must be dry and clean.
- Keep the material in the original packaging when not used in order to protect it from dust and contamination.
- Do not expose to direct sunlight or heat sources.