



Face Material

weight	thickness	material
70±10%/m ² ISO 536	0.075±10%mm ISO 534	Eco Thermal paper without protective coating resistance to water, plastic, grease, scratch

Liner

58±10%/m ² ISO 536	0.055±10%mm ISO 534	Yellow glassine treated with super calender
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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 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
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Temperature

Min. Appl. Temp. 10°C	Service Temp. -15~65°C(after 24hrs)
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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 50°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

It can be used for many traditional printing. Processing environments above 50°C have to be avoided due to the thermal nature of the product. The ink containing alcohol or volatile organic solvent may damage the thermal layer. Advise to use the original ink without any additives for processing and printing as much as possible. For spot color inks or inks with additives, please test ink before printing.

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.