



**Face Material**

**weight**

70±10%/m<sup>2</sup> ISO 536

**thickness**

0.075±10%mm ISO 534

**material**

TOP Thermal paper with protective coating resistance to water, plastic, scratch

**Liner**

50±10%/m<sup>2</sup> ISO 536

0.048±10%mm ISO 534

Blue glassine treated with super calender

**Adhesive**

General-purpose permanent rubber-based adhesive with excellent low-temperature viscosity, excellent performance on non-polar surfaces such as PE and PP, excellent convert performance, excellent oil resistance, and excellent performance in freezing and slightly humid environments.

**Peel adhesion**

Initial adhesion  
10N/25mm or tear off FTM  
9 st.st

20 minutes Peel adhesion value on  
steel at 180° 12N/25mm or tear  
off FTM 1 st.st

20 minutes Peel adhesion value on steel  
at 90° 7N/25mm or tear off FTM 2  
st.st

**Temperature**

Min. Appl. Temp. -15 °C

Service Temp. -40~40°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**

It can be used for many traditional printing. Processing environments above 80°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.