



Face Material

weight	thickness	material
70 ± 10%g/m ² ISO 536	0.075 ± 10%mm ISO 534	Smooth bright white paper with thermal coating laminated with transparent OPP film

Liner

58 ± 10%g/m ² ISO 536	0.055 ± 10%mm ISO 534	white glassine treated with super calender
----------------------------------	--------------------------	--

Adhesive

A general permanent rubber adhesive. HH is an adhesive with a high initial viscosity. It has excellent performance on many packaging materials. It can be used for non-direct contact labeling of products such as food, medicine and cosmetics.

Peel adhesion

Initial adhesion 14N/25mm FTM 9 st.st	20 minutes Peel adhesion value on steel at 180° 16N/25mm FTM 1 st.st	20 minutes Peel adhesion value on steel at 90° 8N/25mm FTM 2 st.st
---	---	---

Temperature

Min. Appl. Temp. 10 °C	Service Temp. -5°C+60°C (after 24hrs)
---------------------------	--

Applications

The thermal sensitivity of this thermal product is suitable for barcode printer printing. It is recommended to test it before use and avoid any long-term exposure to an environment above 50 ° C or direct sunlight to protect the product quality. The combination of thermal and OPP can make this thermal product have tensile and tear resistance. However, it is not recommended to use it in water immersion or long-term storage in a humid environment. After the label is printed, it should not be placed in a place that is easily contaminated with animal and vegetable oils or chemicals 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 most traditional printing methods. Due to the heat-sensitive nature of the product, it should be avoided in a processing environment exceeding 50 ° C. Inks containing alcohol or volatile organic solvents may damage the heat-sensitive layer. It is recommended to use original ink without any additives for processing and printing as much as possible. For spot color inks or inks with additives, it is recommended to test the ink before printing. Pay attention to the knife pressure when die-cutting.

- 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.