



**Face Material**

| weight                         | thickness           | material   |
|--------------------------------|---------------------|--|
| 70±10%g/m <sup>2</sup> ISO 536 | 0.075±10%mm ISO 534 | Top Thermal paper with protective coating resistance to water, rubbing, oi.And high temperature resistance |

**Liner**

|                                |                     |  |
|--------------------------------|---------------------|--|
| 50±10%g/m <sup>2</sup> ISO 536 | 0.048±10%mm ISO 534 | White glassine treated with super calender |
|--------------------------------|---------------------|--|

**Adhesive**

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

**Peel adhesion**

|  |  |  |
|--|--|--|
| Initial adhesion<br>10N/25mm 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. -5 °C | Service Temp. -40°C+40°C (after 24hrs) |
|------------------------|--|

**Applications**

The thermal product is suitable for cold chain. 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. 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 most traditional printing, due to the thermal nature of the product, processing environments above 50°C should be avoided. The ink containing alcohol or volatile organic solvent may damage the thermal layer. It is recommended to use the 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 inks 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.