



Face Material

weight	thickness	material
60 ± 10%/m² ISO 536	0.045 ± 10%mm ISO 534	Glossy opalescent polypropylene film with special coating

Liner

58 ± 10%/m² ISO 536	0.055 ± 10%mm ISO 534	White glassine treated with super calender
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Adhesive

A general permanent water-based acrylic adhesive. EW is a washable,including the removal of PP materials from PET bottles and paper from glassbottles. (80-90 ° C, 1-2%NaOH, 10-15min, 300.1000rpm, APR standard). Excellent performance on many packaging materials. Can be used for indirect sales of products such as food, electronics and cosmetics.

Peel adhesion

Initial adhesion 7.5N/25mm FTM 9 st.st	20 minutes Peel adhesion value on steel at 90° 4.5N/25mm FTM 2 st.st	Resistance to shear from a standard surface 15 Hours FTM 8 st.st
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Temperature

Min. Appl. Temp. 0°C	Service Temp. -20°C+90°C (after 24hrs)
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Applications

Suitable for beverage, food, personal care and other fields, and also suitable for applications where the label and PET container need to be cleanly separated by washing, so that the PET container can be recycled. If used for labeling small bottles with a diameter of less than 30mm, testing and confirmation are required. It is not recommended for bottles with irregular surfaces or frequent squeezing.

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

The specially treated coating surface can be used for various printing methods such as letterpress, flexographic, gravure and screen printing. It is suitable for UV ink and water-based ink. Attention should be paid to controlling the viscosity of the ink. The high shrinkage ink layer will cause the label to curl, resulting in separation from the release paper or warping on the object to be attached. It is recommended to use a sharp film-specific die-cutting knife, especially flat-bed die-cutting. PET substrate is very suitable for high-speed die-cutting and labeling. After printing, the label should be kept away from high-concentration alcohol, isopropyl alcohol, benzene, oxidizing liquids such as H2O2 as much as possible, which may cause the ink to separate from the coating or surface material.

- 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.