

**CODE: YT810 (original code S810)**
**Top Coated Thermal Paper/Removable adhesive/  
White Glassine**

**Application**

Fulfill the requirement of ROHS, REACH, VOC, BPA FREE

- Minimum labeling temp: +5°C  
Service temp: -20°C~70°C (24h after labeling)
- Suitable for supermarket labels, logistics labels for process transfer, furniture discount labels, etc.
- Not suitable for environment above 50 °C or applications exposed to direct sunlight.
- Not suitable for PVC substrates and not suitable for applications with alcohol exposure.
- Due to the differences of labeling substrate and the usage environment, after labeling for a period of time, the adhesive viscosity may increase and there is a possibility of transitioning to permanent adhesive; or the adhesive viscosity may decrease. Some substrates may react strongly with removable adhesives chemically, so full testing is recommended before use.

**Print & Process**

- Suitable for conventional printing.
- Alcohol or volatile organic solvent inks are not applicable.
- In order to keep good removable performance of the label, it is not recommended to apply it in an environment over 70°C and not recommended to apply it on the surface of polymethyl methacrylate (PMMA), PVC, PET, books, etc. For paper substrates, prior testing is recommended due to greater surface differences.

**Shelf life**

From date of manufacture: 6 months

Storage conditions: 23±2°C & relative humidity 50±5%.

According to the thermal paper properties, please try to avoid keeping the product in high temperature, high humidity, alcohol, oil, plasticizer, etc.

**Facestock**

Top coated thermal paper, with good performance at resistance of water, oil, plasticizer and scratch.

Indicator	Parameter	Unit	Method
Substance	70±5%	g/m <sup>2</sup>	ISO 536
Caliper	70±5%	μm	ISO 534
Optical	≥1.10		GB/T 28210

**Adhesive**

Removable acrylic adhesive

This adhesive complies with FDA section 21 (175.105) and can be used for not-contact labeling of food, pharmaceutical and cosmetic products.

**Liner**

Super calendered white glassine

Indicator	Parameter	Unit	Method
Substance	58±5%	g/m <sup>2</sup>	ISO 536
Caliper	51±5%	μm	ISO 534
Tear Resistance	≥300	mN	GB/T 455

**Performance data**

Indicator	Parameter	Unit	Method
Initial Tack	2-7	N	FTM9, ss
90°Peel Adhesion (20min)	1-3.5	N/25mm	FTM2, ss
Shear Strength	≥1	hour	FTM8, ss

**Statement:**

- All the statements, tech information & recommendations are based on the tests believed to be reliable but do not constitute a guarantee or warranty. All products sold should be tested by the customer in the end-use environment to confirm compliance with the requirements of that environment and to determine which materials to purchase.
- We reserve the rights of final explanation.