

## CODE: HS881 (original code 881)

**54μm Synthetic Paper/Freezing Hot melt adhesive/  
White Glassine**



### Application

Fulfill the requirement of ROHS, REACH

- Minimum labeling temp: -25°C  
Service temp: -50°C~50°C (24h after labeling)
- Suitable for daily chemical labels in conventional gloss, refrigeration and cold-chain fields, etc.
- Not recommended to be used in small diameter bottles, irregular curved surface and occasions with duplicate paste requirement because the facestock is stiffer.
- Good initial and final adhesion at low temperatures, with excellent performance on many packaging materials. Not suitable for application on PVC surfaces.

### Print & Process

- Excellent printing and barcode printing performance with good stiffness and easy labeling. Suitable for conventional printing. Please avoid to print onto the edge of the label, as a high shrinkage ink layer can cause the label to curl, causing it to detach from the release liner or curl up on the attached object. Ink testing before printing is recommended.
- Full page printing is not recommended.
- Recommended to use a film-specific die-cutting knife for die-cutting.
- Not recommended to process and use in environment above 20 °C

### Shelf life

From date of manufacture: 12 months  
Storage conditions: 23±2°C & relative humidity 50±5%.  
Prolong storage outside these condition might reduce the shelf life.

### Facestock

A kind of high-quality synthetic paper with both printability similar to paper and physical characteristics similar to BOPP film.

Indicator	Parameter	Unit	Method
Caliper	54±5%	μm	ISO 534
Whiteness	≥80	%	TAPPI T-525
Opacity	≥80	%	TAPPI T-525

### Adhesive

Freezing hot melt 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	≥11	N	FTM9, SS
90°Peel Adhesion (20min)	≥6	N/25mm	FTM2, SS
Shear Strength	≥8	hours	FTM8, SS
Low-temperature Loop Tack	≥15	N	±5°C, 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.