

**CODE: HPW831 (original code S831)**

**60μm White Bopp Film/Removable adhesive/  
White Glassine**



**Application**

Fulfill the requirement of ROHS, REACH, VOC

- Minimum labeling temp: +5°C  
Service temp: -20°C~80°C (24h after labeling)
- Suitable for daily chemical products label, personal hygiene products label and transit label, etc.
- Rough surface substrate is not recommended.
- Due to the differences of labeling substrate and the application environment, after labeling (usually 3 months), the adhesive viscosity may increase and there is a possibility of transitioning to permanent adhesive; or the adhesive viscosity may decrease. Some substrates may have strong chemical reaction with removable adhesive, so full testing is recommended before use.

**Print & Process**

- Suitable for conventional printing.
- Control the viscosity of ink. High contractility of ink bring label crimp, causing the label detach from release paper or warp from label object.
- 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 and PP, etc. Due to greater differences of paper substrates, prior testing is recommended.

**Shelf life**

From date of manufacture: 6 months  
Storage conditions: 23±2°C & relative humidity 50±5%.  
Prolonged storage outside these conditions might reduce the shelf life.

**Facestock**

This is a fine pearlized film with special printability coated.

Indicator	Parameter	Unit	Method
Substance	45 ± 5%	g/m <sup>2</sup>	ISO 536
Caliper	60 ± 5%	μ m	ISO 534
Glossiness	≥85	%	ASTM D2457 (60° )

**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%	μ m	ISO 534
Tear Resistance	≥300	mN	GB/T 455

**Performance data**

Indicator	Parameter	Unit	Method
Initial Tack	3-7	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.