

CODE: HPC576 (original code S576)
50μm Transparent Bopp Film/Acrylic adhesive/30μm PET


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, personal care, medicine and other fields, such as bottle labels, sealing labels, etc.
- Not recommended for small bottle with diameter smaller than 20mm, and not recommended to be used in irregular curved surface and extra soft bottle because the facestock is stiffer.
- Not recommended for occasions with duplicate paste requirement.
- Suitable for "no-label sense" labels.
- If need to be applied to wet surface, it must be tested to ensure that it is resistant to being soaked.

Print & Process

- With special treatment coating, can be used in relief printing, flexography printing, gravure printing, screen printing and varieties of printing methods. Suitable for UV ink and water-based ink.
- Control the viscosity of print ink. High contractility brings label crimp, causing the label detach from release paper or warp from label object.
- It is recommended to use a sharp film-specific die-cutting knife, especially for flat pressing die-cutting.
- PET liner is very suitable for high speed die-cutting and labeling.

Shelf life

From date of manufacture: 12 months

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

Prolonged storage outside these conditions might reduce the shelf life.

Facestock

A kind of coated, transparent biaxially oriented BOPP film. Excellent resistance to water, oil and chemicals.

Indicator	Parameter	Unit	Method
Substance	45 ± 5%	g/m ²	ISO 536
Caliper	50 ± 5%	μm	ISO 534
Haze	≤ 3	%	ASTM D1003

Adhesive

General purpose film 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

Transparent PET

Indicator	Parameter	Unit	Method
Caliper	30 ± 5%	μm	ISO 534
Haze	≤ 2.7	%	GB2410-80

Performance Data

Indicator	Parameter	Unit	Method
Initial Tack	≥ 8	N	FTM9, ss
90°Peel Adhesion (20min)	≥ 5	N/25mm	FTM2, ss
Shear Strength	≥ 15	hours	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.