



## RH-8952B Heat Transfer PET Release Film

### APPROVAL PAGE

Document Date: January 03, 2026

### TABLE OF CONTENTS

#### I. Product Features & Applications

#### II. Technical Parameters

#### III. Specifications & Packaging

#### IV. Storage & Shelf Life

#### V. Precautions

- 1、 Publishing Platform: DingTalk
- 2、 Authorized Access: All staff; Download permission: Department supervisors and above
- 3、 Implementation & Training: Business Department
- 4、 Revision Conditions:
  - A. Process changes; B. Material changes; C. Personnel changes in three-level approval positions
- 5、 Original Document Archive: General Office Archives

Prepared by: <u>Jiang Xincheng</u>	Business Department	Date:	<u>2026-01-03</u>
Reviewed by: <u>Li Jiexiang</u>	Marketing Department	Date:	<u>2026-01-03</u>
Approved by: <u>Xu Qinghai</u>	CEO or Authorized Person	Date:	<u>2026-01-03</u>



# 广州市好印新材料科技有限公司

## Guangzhou Haoyin New Material Technology Co., Ltd.

### RH-8952B Heat Transfer PET Release Film

TDS -- Product Application Information

#### I. Product Features & Applications

##### ● Benefits:

- 1、Excellent heat resistance with minimal deformation, can solve the problems of inaccurate printing positioning and printing accuracy.
- 2、Non-printing side features anti-blocking coating to prevent adhesion during long-distance transportation and pressure, reducing your costs.
- 3、Product tested by third-party institutions: EN71-3 (19 specific element migration tests) and REACH (253 substance tests).
- 4、Specifically developed for HP Indigo printing equipment.

##### ● Applications:

- 1、Compatible with HP/screen printing equipment including Indigo equipment, roll-to-roll equipment, automatic/semi-automatic machines, and gravure printing.
- 2、Suitable for HP/screen printing inks and processes: Indigo-specific inks, screen printing oil-based inks, water-based inks, powder scattering or adhesive processes.
- 3、Used for plastisol transfers, puff transfers, glitter transfers, and wash care label transfers.

##### ● Advantages:

- 1、Standardized with data-driven quality control; each process follows standard testing with final inspection; edge coding for traceability ensures stable production quality and full traceability.
- 2、Moderate release force suitable for various colors and pattern sizes (e.g., small English letters, wash care labels) without detachment.
- 3、Additional anti-static coating on both printing surface and back side eliminates quality risks caused by static electricity.

##### ● Characteristics:

- 4、Premium BOPET (biaxially oriented polyethylene terephthalate) film substrate with excellent heat resistance and low shrinkage: MD < 2.5%; TD < 0.2% per standard testing.
- 5、Manufactured with globally top-tier high-precision wax materials plus electronic ink absorption layer in cleanroom environment through multi-layer micro-gravure high-precision coating; double-sided matte/matte

Address: Room.309, No.9 Shenzhou Road, Huangpu District, Guangzhou, Guangdong Province, China.  
Hotline: 020-31701916  
gzhaoyin.com

Email: info@gzhaoyin.com  
Postal Code: 510663



anti-blocking back coating

- **Caution:** Pay attention to the proportion of **isophorone** when diluting inks

## II. Technical Parameters

Item	Method/Equipment	Unit	Standard Value	
Surface Gloss	GB/T 9754 / Gloss Meter	GU	10.0~30.0	
Back Surface Resistance	ASTM D257 / High Resistance Tester	$\Omega/\square$	$\leq 1.0 \times 10^{11}$	
Printing Surface Resistance	ASTM D257 / High Resistance Tester	$\Omega/\square$	$\leq 1.0 \times 10^{11}$	
Back Release Force	FINAT 10	N/inch	2~9	
Surface Release Force	FINAT 10	N/inch	2~9	
Surface Tension	Dyne Pen	dyn/cm	$\geq 30$	
Friction Coefficient	Dynamic	Friction Coefficient Tester	/	0.3~3.0
	Static		/	0.3~3.0
Heat Transfer Temperature	Industrial Heat Pres	$^{\circ}\text{C}$	130~160	
Heat Transfer Time	Industrial Heat Pres	s	6~15	
Heat Transfer Pressure	Industrial Heat Pres	$\text{kgf}/\text{cm}^2$	$2.5\text{kgf}/\text{cm}^2$	
Peel Method	/	/	Hot Peel	

## III. Specifications & Packaging

1. Product Thickness: 75  $\mu\text{m}$  and 100  $\mu\text{m}$  are standard stock specifications.
2. Product Dimensions: 48 cm  $\times$  32 cm is the standard stock specification.
3. Standard Packaging: 500 sheets/bag, 1000 sheets/carton.
4. Custom specifications available for different thicknesses, dimensions, or packaging

## III. Specifications & Packaging

1. Store in a cool, dry place away from direct sunlight, high temperature (above  $40^{\circ}\text{C}$ ), and high humidity (above 70% RH).
2. Avoid contact with sharp objects. Reseal unused portions after opening.
3. Shelf life is 12 months under proper packaging and storage conditions. Products beyond shelf life should be fully validated and tested before use.



**广州市好印新材料科技有限公司**  
**Guangzhou Haoyin New Material Technology Co., Ltd.**

**V. Precautions**

- 1、 Product data is provided for reference only. Users should conduct thorough validation and evaluation of product suitability for intended use (purpose and conditions) prior to application.
- 2、 If different processes materials, or equipment are used beyond the scope of the product please conduct testing first or consult with our sales team to ensure suitability for intended use.
- 3、 This product disclaimer excludes liability for any incidental or consequential damages.