



**RB-8525B 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: Jiang Xincheng Business Department Date: 2026-01-03

Reviewed by: Li Jiexiang Marketing Department Date: 2026-01-03

Approved by: Xu Qinghai CEO or Authorized Person Date: 2026-01-03



# 广州市好印新材料科技有限公司

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

### RB-8525B Heat Transfer PET Release Film

TDS -- Product Application Information

#### I. Product Features & Applications

##### ● Benefits:

- 1、Excellent heat resistance with minimal deformation, can solve the problem 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、Matte finish with skin-friendly texture; better coverage compared to hot peel series products.

##### ● Applications:

- 1、Compatible with various screen printing equipment including roll-to-roll equipment, automatic/semi-automatic machines, and gravure printing.
- 2、Suitable for various screen printing inks: oil-based inks, water-based inks, plastisol inks, adhesive processes, and powder scattering processes.
- 3、Used as processing substrate for transfer production; digital number labels, shoe tongue labels, and high-coverage transfers for coarse fabric textures.

##### ● 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、Tight release force suitable for printing large-area patterns without detachment or bubbling.
- 3、Additional anti-static coating on back side eliminates quality risks caused by static electricity.

##### ● Characteristics:

- 1、Premium BOPET (biaxially oriented polyethylene terephthalate) film substrate with excellent heat resistance and low shrinkage: MD < 2.5%; TD < 0.2% per standard testing.
- 2、Manufactured with globally top-tier silicone materials in cleanroom environment through multi-layer micro-gravure high-precision coating; double-sided matte/matte anti-blocking back coating.

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

Email: info@gzhayin.com  
Postal Code: 510663



# 广州市好印新材料科技有限公司

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

- **Caution:** ① Not suitable for fine-detail patterns. ② Not compatible with silicone ink printing.

### II. Technical Parameters

Item	Method/Equipment	Unit	Standard Value	
Surface Gloss	GB/T 9754 / Gloss Meter	GU	3.0~5.0	
Back Surface Resistance	ASTM D257 / High Resistance Tester	$\Omega/\square$	$\leq 1.0 \times 10^{10}$	
Back Release Force	FINAT 10	N/inch	2~9	
Pre-heat Surface Release Force	FINAT 10	N/inch	1~6	
Post-heat Surface Release Force	internal	N/inch	0.2~0.8	
Surface Tension	Dyne Pen	dyn/cm	$\geq 30$	
Friction Coefficient	Friction Coefficient Tester	Dynamic	/	0.3~3.0
		Static	/	0.3~3.0
Heat Transfer Temperature	Industrial Heat Press	$^{\circ}\text{C}$	130~160	
Heat Transfer Time	Industrial Heat Press	s	6~15	
Heat Transfer Pressure	Industrial Heat Press	$\text{kgf}/\text{cm}^2$	$2.5\text{kgf}/\text{cm}^2$	
Peel Method	/	/	Cold Peel	

### III. Specifications & Packaging

- 1、Product Thickness: 75  $\mu\text{m}$  and 100  $\mu\text{m}$  are standard stock specifications.
- 2、Product Dimensions: 39 cm  $\times$  54 cm, 48 cm  $\times$  64 cm, and 50 cm  $\times$  70 cm are standard stock specifications.
- 3、Standard Packaging: 300 sheets/bag, 600 sheets/carton, 400 sheets/bag, 800 sheets/carton, 500 sheets/bag, 1000 sheets/carton
- 4、Custom specifications available for different thicknesses, dimensions, or packaging.

### IV. Storage & Shelf Life

- 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.

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



# 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 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.