



## RB-8526B 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



## RB-8526B 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、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 both printing surface and 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



# 广州市好印新材料科技有限公司

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

micro-gravure high-precision coating; double-sided matte/matte anti-blocking back coating.

- **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	Ω/□	≤1.0*10 <sup>9</sup>	
Printing Surface Resistance	ASTM D257 / High Resistance Tester	Ω/□	≤1.0*10 <sup>9</sup>	
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	≥30	
Friction Coefficient	Dynamic	Friction Coefficient Tester	/	0.3~3.0
	Static		/	0.3~3.0
Heat Transfer Temperature	Industrial Heat Press	°C	130~160	
Heat Transfer Time	Industrial Heat Press	s	6~15	
Heat Transfer Pressure	Industrial Heat Press	kgf/cm <sup>2</sup>	2.5kgf/cm <sup>2</sup>	
Peel Method	/	/	Cold Peel	

### III. Specifications & Packaging

- 1、Product Thickness: 75 μm and 100 μm are standard stock specifications.
- 2、Product Dimensions: 39 cm × 54 cm, 48 cm × 64 cm, and 50 cm × 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° C), and high humidity (above 70% RH).
- 2、Avoid contact with sharp objects. Reseal unused portions after opening.

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.

3、 Shelf life is 12 months under proper packaging and storage conditions. Products beyond shelf life should be fully validated and tested before use.

### **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.