



RC-8802A 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.

RC-8802A 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、Flexible peel options—hot peel for semi-gloss finish, cold peel for matte finish based on application requirements.
- 5、Screen printing dedicated most economical option.

● Applications:

- 1、Compatible with various screen printing equipment including roll-to-roll equipment, automatic/semi-automatic machines, and gravure printing.
- 2、Suitable for various inks and processes: synthetic four-color process inks, screen printing oil-based inks, water-based inks, and 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、Medium release force suitable for various colors and pattern sizes (e.g., small English letters, wash care labels) without detachment.

● 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.

- Manufactured with globally top-tier high-precision wax and silicone materials in cleanroom environment through

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

multi-layer micro-gravure high-precision coating; single-sided matte/glossy anti-blocking back coating.

- **Caution:** ① Not recommended for powder scattering process. ② Finished transfers should be protected from moisture and contact to prevent wrinkling and bubbling.

II. Technical Parameters

Item	Method/Equipment	Unit	Standard Value	
Surface Gloss	GB/T 9754 / Gloss Meter	GU	5.0~20.0	
Back Surface Resistance	ASTM D257 / High Resistance Tester	Ω/\square	$\leq 1.0 \times 10^{10}$	
Back Release Force	FINAT 10	N/inch	2~5.5	
Pre-heat Surface Release Force	FINAT 10	N/inch	1~5	
Post-heat Surface Release Force	internal	N/inch	0.1~0.5	
Surface Tension	Dyne Pen	dyn/cm	≥ 30	
Friction Coefficient	Dynamic	Friction Coefficient Tester	/	0.5~2.5
	Static		/	0.5~2.5
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	kgf/cm^2	2.5kgf/cm^2	
Peel Method	/	/	Arbitrary Peel	

III. Specifications & Packaging

- 1、Product Thickness: 75 μm and 100 μm 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°C), and high humidity (above 70% RH).

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.

- 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.

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.