



## RH-8911A Heat Transfer PET Release Film

### APPROVAL PAGE

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

**RH-8911A Heat Transfer PET Release Film**

TDS -- Product Application Information

**I. Product Features & Applications**

● **Benefits:**

1、Excellent heat resistance with minimal deformation, effectively solving registration inaccuracy and printing precision issues.

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 laser printing equipment.

● **Applications:**

1、Compatible with laser printing equipment.

2、Used as processing substrate for transfer production; digital number labels, 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、Medium release force suitable for various pattern sizes. .

● **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; single-sided matte/glossy 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	5.0~10.0
Back Release Force	FINAT 10	N/inch	1~6
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 Pres	°C	130~160
Heat Transfer Time	Industrial Heat Pres	s	6~15
Heat Transfer Pressure	Industrial Heat Pres	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/case, 400 sheets/bag, 800 sheets/case, 500 sheets/bag, 1000 sheets/case
- 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.
- 3、Shelf life is 12 months under proper packaging and storage conditions. Products beyond shelf life should be fully validated and tested before use.



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**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、 For applications beyond product specifications using different processes, materials, or equipment, 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.