



RD-8701B Hot Peel Digital Printing DTF Film

APPROVAL PAGE

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Guangzhou Haoyin New Material Technology Co., Ltd.

RD-8701B Hot Peel Digital Printing DTF Film

TDS--Product Application Information

I. Product Features & Applications

- 1、 Benefits: Ultimate cost-effectiveness with high production efficiency.
- 2、 Characteristics: Premium PET substrate with single-coating process, double-side matte finish.
- 3、 Advantages: Vibrant colors, good powder removal, hot peel capable, easy to peel.
- 4、 Applications: More suitable for relatively regular large patterns.
- 5、 Limitations: Do not suggest cold peeled or instant peeled. Coating is not scratch-resistant—handle with care.
Pay attention to hot melt powder selection when adapting to different fabrics or substrates.

II. Technical Parameters

Test Item	Method/Equipment	Unit	Standard Value
Glossiness	Gloss Meter	Gu	3~9
Print Surface Resistance	High Resistance Tester	Ω/\square	$10^6\sim 10^{11}$
Ink Absorption	Four-head Printer	Percentage of white ink	$\geq 85\%$, no ink bleeding or pooling
Powder Shaking Effect	Visual Inspection	/	No powder adhesion on pattern edges and blank areas
Pattern Appearance	Visual Inspection	/	Vibrant and pure colors, good color saturation, no snowflake spots
Heat Transfer Effect	Visual Inspection	/	Easy hot peel (5-8 seconds), No coating transfer failure or chipping.

Operating Conditions Guide:

- 1、 Heat Press Conditions: Temperature 140-160°C, Time 5-8s, Pressure 2.5 kgf/cm².
 - 2、 Printing Parameters: Feed Section(In/Out) temperature 40~45°C, Pre-oven heating plate 50~60°C.
- Curing Conditions: Curing temperature 135°C~145°C. Adjustable within range based on actual print speed.
Ensure exhaust system is operating properly.
Above data obtained under laboratory test conditions for reference only.

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III. Specifications & Packaging

Standard stock: Width 60 cm × Length 100 m/roll, 60 m²/roll/2 boxes/carton. Custom specifications available upon request.

IV. Storage & Shelf Life

- 1、Store in a cool, dry place protect from direct sunlight, high temperatures (above 40° C) and high humidity (above 70% RH).
- 2、Prevent contact with sharp objects. Close lid tightly after opening to prevent exposure to air and contaminants.
- 3、Shelf life: 12 months under proper packaging and storage conditions. Verify product performance after expiration date before use.

V. Precautions

- 1、Product data provided for reference only. Users should conduct thorough validation and evaluation of product suitability for specific applications (purpose and conditions) prior to use.
- 2、In no event shall QINGYI be liable for any incidental or consequential damages.