



RD-8743B Universal Peel Digital Printing DTF Film

APPROVAL PAGE

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RD-8743B Universal Peel Digital Printing DTF Film

TDS--Product Application Information

I. Product Features & Applications

- 1、Benefits: Extremely high color saturation with visually apparent high quality.
- 2、Characteristics: Premium PET substrate with multi-coating process, double-side matte finish.
- 3、Advantages: Extremely vibrant colors, excellent powder removal, supports universal peel with free choice of peeling method (instant peel, warm peel, cold peel).
- 4、Applications: Designed for high-color-demand applications and reliable powder removal in dry climates by preventing static-related issues.
- 5、Limitations: Printing and storage environment requirements (temperature 15° C-40° C, humidity 30%-65%). 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	$10^7\sim 10^9$
Ink Absorption	QINGYI Four-head White Ink 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	/	Instant peel (3 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 70~80°C.
- 3、Curing Conditions: Curing temperature 135°C~145°C. Adjustable 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. Avoid high temperatures (above 40° C) and high humidity (above 65% 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.