totalimage SUPPLIES

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TECHNICAL DATA SHEET

Heat Transfer Film 7005

DTF · White-ink direct print base film

Purpose-built as a **white ink direct printing base film**, Heat Transfer Film 7005 is coated on a high-temperature resistant, transparent PET substrate.

DUAL COATING

FRONT

Matte ink-absorbing coating

Locks ink in place for strong adhesion and vibrant colour.

BACK

Anti-slip coating

Anti-static properties for smooth, reliable handling.

AT A GLANCE

112 g/m²	86 µm	140–150 °C	8–10 sec	0.4–0.5 MPa
BASIS WEIGHT	THICKNESS	PRESS TEMP	PRESS TIME	PRESSURE

KEY ADVANTAGES

01

Printing performance

No ink bleeding or powder adhesion, even at 100% ink coverage.

02

Transfer performance

Suitable for both hot and cold peel, with excellent wash resistance after pressing.

03

Physical properties

Anti-slip and anti-static characteristics for trouble-free production.

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TECHNICAL DATA SHEET

Heat Transfer Film 7005

PHYSICAL SPECS

Basis weight	112 ± 3 g/m²
Thickness	86 ± 3 µm GB/T6672 standard
Width	Order width ± 2 mm GB/T6673 standard

HEAT PRESSING

Temperature	140 – 150 °C
Time	8 – 10 seconds
Pressure	0.4 – 0.5 MPa
Transfer method	Hot or cold peel

USAGE & STORAGE

Temperature	≤ 35 °C
Humidity – in use	≤ 60% RH
Humidity – storage	≤ 70% RH
Environment	Cool, dry, away from direct sunlight & heat

PRECAUTIONS

- Run small sample transfer tests before mass production, and only proceed once they pass inspection.
- Only the outer coating is printable — do not print on the back coating.

SHELF LIFE

12 MONTHS

From production date, when unopened and kept under normal storage conditions.

LIMITATION OF LIABILITY

Information provided is based on reliable test results but does not constitute a warranty. Customers should conduct their own testing in final application environments.

RETURN POLICY

Quality issues confirmed within the warranty period will be unconditionally refunded or replaced, limited to the value of the material.

FINAL INTERPRETATION

The final interpretation rights are reserved.