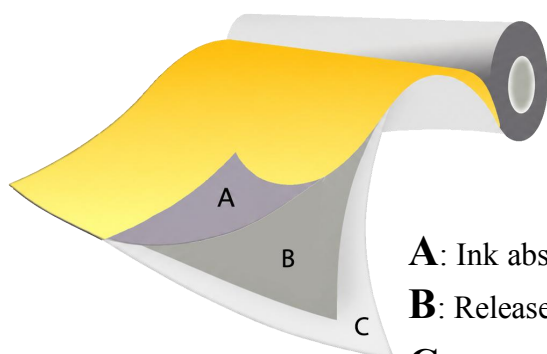




TD8003 Instant Peel Single Sided DTF FILM

TD8003 is a single sided DTF PET film specially designed for instant hot peeling. In addition to delivering vibrant colors, clean powder release and excellent instant-peel performance, it provides outstanding transfer precision for fine and intricate designs. It is particularly suitable for breathable artwork composed of dense micro-dot patterns instead of solid color blocks, ensuring clean edges, complete transfer and reliable reproduction of even the smallest details.



A: Ink absorption , water-based, 100% ink loading

B: Release layer, water-based coating, eco-friendly

C: PET film, 100% pure, offers both mechanical strength and heat resistance

1. Basic Information

- a. Product Name:** TD8003 Instant Peel Single Sided DTF FILM FOR TEXTILE
- b. Product Code:** SL-TD8003
- c. Type:** Premium
- d. Material:** 75um PET
- e. Surface:** Matte
- f. Thickness:** 80±3 um
- g. Peel Type:** Instant & Hot & Cold
- h. Width:** 30/33/42/60/62/80/90/120/160cm , customzied
- i. Length:** 100/200/300/500m, customized

2. Key Specification

- ①Exceptional Color Vibrancy
- ②No Powder Residue
- ③Excellent Color Consistency After Transfer
- ④High Ink-loading Capacity
- ⑤No Oil Migration or Moisture Bleeding

3. Coating Performance

- a. Ink Absorption :** 100%
- b. Coating Uniformity:** Uniform
- c. Drying Performance:** Fast Dry
- d. Anti-static:** Yes
- e. Anti-slip:** Yes
- f. Powder Adhesion:** No

4. Printing performance

- a. Printer Compatibility:** Compatible with most DTF printers
- b. Printhead Compatibility:** Epson I3200 / 4720 / XP600 etc
- c. Ink Compatibility:** Water-based pigment DTF ink
- d. Feeding Performance:** Smooth and stable
- e. Tracking Stability:** Excellent
- f. Wrinkle Resistance:** Excellent
- g. Edge Curl Resistance:** Excellent
- h. Continuous Printing:** Excellent

5. Curing performance

- a. Recommended curing temperature: 110–130°C
- b. Recommended curing time: 60–120 seconds
- c. Good heat resistance and dimensional stability
- d. Low thermal shrinkage during curing
- e. Maintains good flatness under continuous heating
- f. Reduced risk of curling, wrinkling and deformation
- g. Stable coating performance during powder melting
- h. Compatible with standard DTF hot-melt adhesive powders
- i. Suitable for continuous curing and mass production

6. Heat Press Performance

Test Item	Test Result
Release Performance	Smooth and complete release
Fine Line Transfer	Good
Small Letter Transfer	Good
Color Reproduction	Bright and accurate
White Ink Coverage	Good
Peel Residue	No
Re-press Compatibility	Yes

7. Wash Performance

Test Item	Test Result
Wash Resistance	40°C > 30
Color Change	No
Cracking	No
Peeling	No

* Final wash durability depends on the complete DTF printing system and processing conditions.

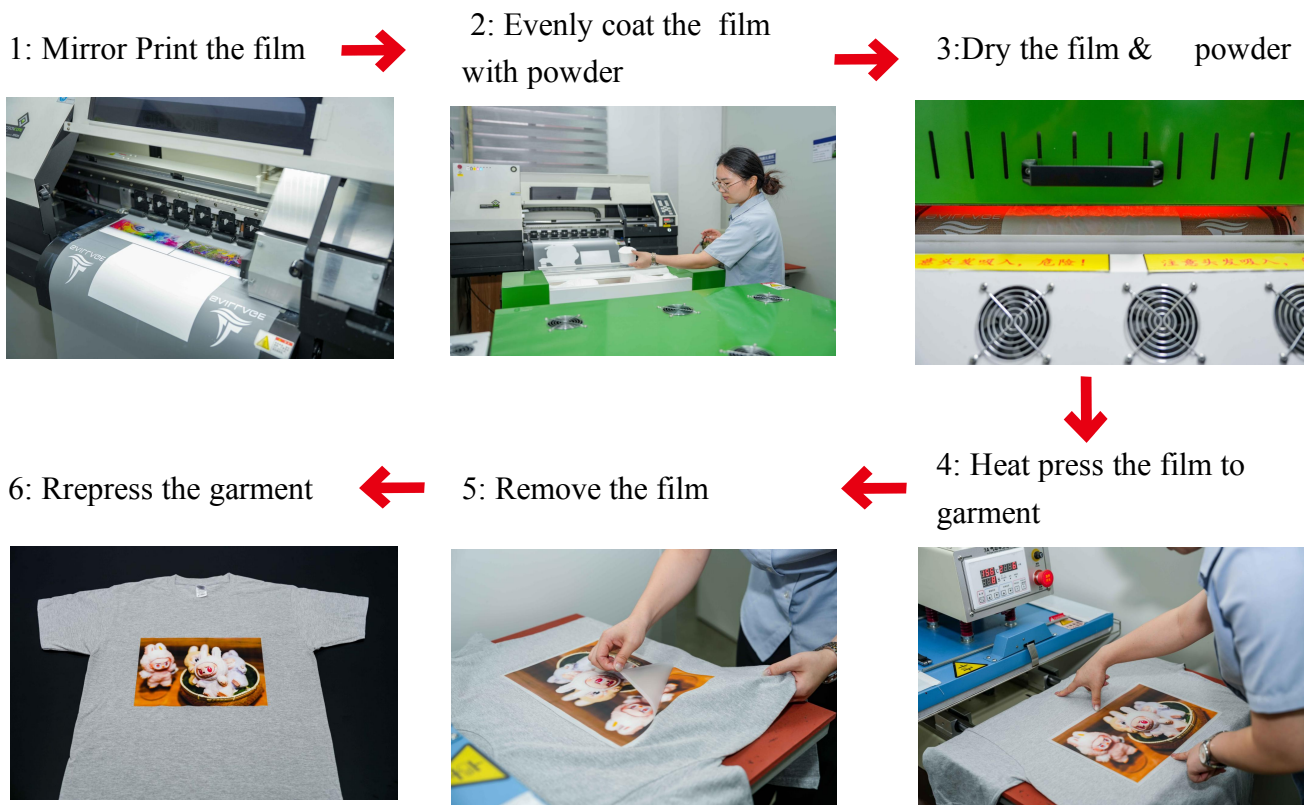
8. Application

Suitable for heat transfer printing on cotton, polyester, blended fabrics, garments, bags, caps and other textile products.

9. Storage and Shelf-life

- a. Storage Temperature: 15–30°C
- b. Relative Humidity: 40–70% RH
- c. Storage Method: Keep sealed in original packaging
- d. Avoid: Direct sunlight, heat, moisture, dust and pressure
- e. Shelf Life: 12 months

THE PROCESS



Statement and Disclaimer: The information provided in this Technical Data Sheet is based on current laboratory testing and production experience. It is intended as a general reference only and does not constitute a guarantee for all applications. Customers should conduct their own testing before commercial use.



PET DTF FILM
白墨烫画膜

