

# ECOFREEN DTF FILM Super Quality



**ECOFREEN®**  
www.ecofreen.com

**MADE IN KOREA**

- ✓ **Warm / Cold Peel**
- ✓ **Made In Korea**  
Consistent Quality & Coating
- ✓ **Rubber Feel**
- ✓ **Anti-Static Treated**  
No powder remaining on the film
- ✓ **Proven High Quality**  
Premium Matte Finish, Vivid Color, High Resolution, No Oil, High Ink Loading



## Process

### Step.1 Printing



- ① Place the **matte side** of the film upward.
- ② Print the images (CMYK → White) in a mirror mode.
- ③ Let **the ink dry** for about 1 min before applying the powder, otherwise the powder will be smeared into ink layer and will leave the images on the film.

### Step.2 Hot Melt Powder



- ① **Apply Ecofreen hot melt powder evenly.**

\* ECOFREEN Mister-T Cyclone is available for automatic process.



〈Mister-T Cyclone〉

- ② **Flick off the film with fingers to remove the excess of powders.**

\* Must wear safety equipment



Work in a well-ventilated area.  
(the fumes from the powder could irritate the eyes, throat and lungs, which could cause allergic reactions.)

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## Step.3 Hovering



Hovering to melt the powder completely.

Temperature	Time
160°C (320°F)	3~4 min
200°C (392°F)	2 min

\* Please make sure that the powder is fully melted.



Fully Melted  
(like a soft jelly)

Not Melted Yet

⚠ Too much melting will cause ink color change (burning) and the film curling.

## Step.4 Transfer



① Transfer the images with medium pressure.

Temperature	Time
160°C (320°F)	10 sec



② Warm or Cold peel

## Step.5 Additional Curing

Additional heat press for better washing durability.

Temperature	Time
120°C (248°F)	5 sec
★ 140°C (284°F)	5 sec
160°C (320°F)	5 sec

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