



## KODACOLOR Direct to Film (DTF) / Film to Fabric (FTF) Transfer Film

# PRINTING APPLICATION GUIDE

### Step 1 – Printing on Film

- Using a DTF inkjet printer, insert Kodak DTF/FTF transfer film in printer paper tray or on paper roll holder
- For Dark shirts:
  - print color image on the film
  - print white image layer on top of the color image
- For Light shirts:
  - print color image on the film

### Step 2 – Powder Application

- Apply the Kodak DTF/FTF hot-melt powder uniformly on top of the wet print
- White powder may be used for all applications or black powder may be chosen for dark work
- Powder may be sprinkled manually onto the print in a tray and agitated to cover print completely
  - NOTE: an automated commercial shaker may also be used for powder application
- Ensure that the powder is evenly spread over the printed surface of the film
- Carefully remove excess powder

### Step 3 – Melting the Powder

- Place the film with the printed image and the applied powder in a Curing Oven and heat for 2-3 minutes at 100-120°C

OR

- Place the film inside a heat press, hovering and not applying pressure. A 4 to 7 mm gap between the film and the heat press top plate is recommended, for 3-5 minutes at 140-150°C. Do not completely close the press.

### Step 4 – Pre-pressing

- Pre-press the fabric prior to transfer of the image by the film for 2 to 5 seconds
  - Pre-pressing will flatten the fabric and remove excess humidity contained in the fabric
  - Pre-pressing helps in successful transfer of the image from the film onto the fabric

### Step 5 – Transfer

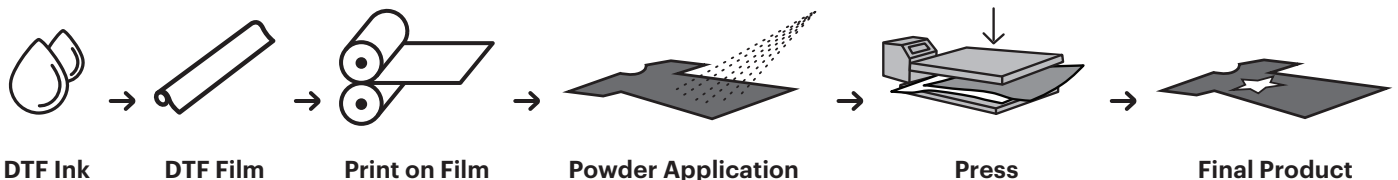
- The film with the image and the melted powder is placed on the pre-pressed fabric in the heat press
- Press/Cure the image to the fabric for 10-20 seconds at 160-180°C

### Step 6 – Cold Peel

- Allow the film/image attached to the fabric to cool completely
- Separate the film from the fabric, leaving the desired image on the fabric

### Step 7 – Post-pressing

- A post-press process is highly recommended for best results and high-performance parameters such as wash and rub fastness
- Re-press the image on the fabric for 10-20 seconds at 160-180°C



Disclaimer: The above information is based on our laboratory tests and experience. Results may vary according to different conditions. The final decision regarding the suitability of the product to a particular use is the sole responsibility of the user. This document is subject to change without notice.