



HOT PEEL 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
- Print color image on the film
- print white image layer on top of the color image

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 110-125°C

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
 - The temperature of the heat press has no special requirements and can be set somewhere between room temperature and 165°C

Step 5 – Transfer

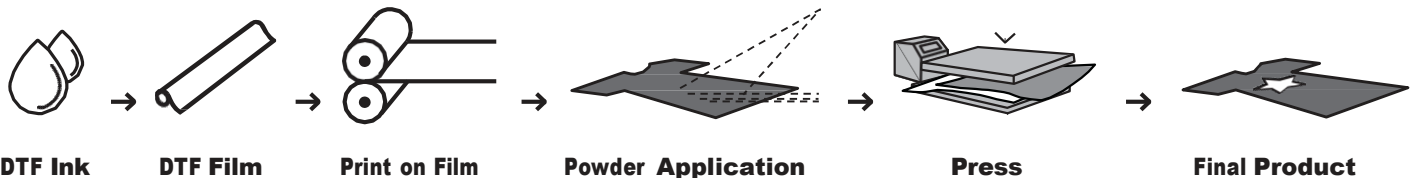
- The film with the image and the melted powder is placed on the pre-pressed fabric in the heat press
- Press/Cure the image to the fabric for 8-10 seconds at 150-165°C

Step 6 – Peel

- Separate the film from the fabric, leaving the desired image on the fabric
 - The film can be immediately separated from the fabric without waiting for cooling
 - The film can also be separated from the fabric after waiting for a while

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 6 seconds at 150-165°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. Refer to Safety Data Sheets (SDSs) before use.



COLD PEEL 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

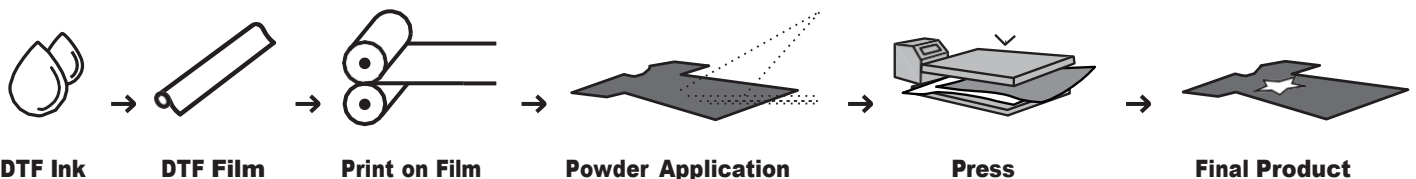
- The film with the image and the melted powder is placed on the pre-pressed fabric in the heat press
- Press/Cure the image to the fabric for 10-20 seconds at 160-180°C

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



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