

PRINTING — APPLICATION GUIDE

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PRIOR TO GETTING STARTED

- The following are recommended settings and may need adjustment based on your specific heat press model and fabrics used.
- Certain fabrics may require longer press times.
- Always conduct test prints before production runs.
- Wait 24 hours before first washing the garment.
- Wash inside out at 40°C [104°F] or below.
- **Refer to important safety information below.**

STEP 1 – PRINTING ON FILM

- Set up the KODACOLOR FTF film sheet or roll following the instruction on your printer.
- Using the recommended setting on your printer, send your design to print.
 - *Note: Color will print first, with white on top.*

STEP 2 – POWDER APPLICATION

- Once printed, apply the KODACOLOR FTF Powder uniformly over the wet design.
- The KODACOLOR FTF Powder may be sprinkled manually onto the print in a tray and agitated to cover completely or applied using an automated powder shaker.
- Ensure that the KODACOLOR FTF Powder is evenly spread over the printed surface of the film and carefully remove excess.

STEP 3 – MELTING THE POWDER

- Place the film with the printed image and the applied KODACOLOR FTF Powder into a curing oven and heat for 2–3 minutes at 110–125°C [230–257°F], or until the powder melts and has an orange peel appearance.
- Alternatively, use a heat press at 140–150°C [284–302°F] and hover 4–7mm above the print for 3–5 minutes to create the same melted effect.

STEP 4 – PRE-PRESSING

- Pre-press the garment prior to transferring the design to remove any moisture and creases from the fabric.

- The temperature of the heat press has no special requirements and can be set somewhere between room temperature and 165°C [329°F].

STEP 5 – TRANSFER THE DESIGN TO THE FABRIC

- Position the film with the melted glue side down on the garment, cover with a silicone sheet then press for the recommended time (see below).
 - *Note: The time and temperature will vary according to the type of film and fabric being used.*
- Recommended press settings

KODACOLOR Cold Peel Film

- Recommended Press Time 10–20 seconds
- Recommended Press Temperature 160–180°C [320–356°F]

KODACOLOR Hot Peel Film

- Recommended Press Time 3–5 seconds
- Recommended Press Temperature 150–160°C [302–320°F]

STEP 6 – PEEL

- Once pressed, remove the garment from the heat press.
- KODACOLOR Cold Peel Film – wait until the film is fully cooled before removing the film in a single smooth motion.
- KODACOLOR Hot Peel Film – the film can be removed immediately in a single smooth motion, or it can be left to cool.

STEP 7 – POST-PRESSING

- Return the garment to the heat press and cover with a silicone sheet, or heatproof paper, and re-press the garment.
 - *Note: A second press of up to 15 seconds is recommended to improve wash performance.*

SAFETY INFORMATION

- Heat presses operate at high temperatures. Always wear proper heat-resistant gloves and safety equipment when operating a heat press.
- Ensure proper ventilation in your workspace.
- Keep this product out of reach of children and pets.

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.

