

# xpres **DTF**

## DIRECT TO FILM

DTF (Direct to Film) is a process which provides vibrant transfers with great wash durability without the need for weeding or using application tape.

**The settings below are a guideline only:**

**Variables such as room temperature, humidity, size of design, garment type and ink load can all affect print results. Therefore adjustments to curing times, pressing times and temperatures may be needed to achieve the best results.**

1. Place the film, matt side up on the platen and use removeable tape to secure the film in place during printing.
2. Once printed, leave the film either on the platen or move to one side and allow the inks to partially dry for 2-3 minutes.
3. Carefully take the film and place in the powder tray wet face up. Shake on the hot melt powder making sure all the ink is coated. Once evenly covered, carefully lift the film out and shake away any excess powder. We also recommend tapping/gentle flicking on the back of the film to remove any remaining powder.
4. To cure the hot melt powder, place the sheet into the Xpres Curing Unit and pre-set at 120°C. Depending on artwork, curing time can differ from 3-5 minutes. We recommend rotating the print halfway through to ensure an even cure resulting in a glossy orange peel finish.
5. Position the film adhesive side down onto the garment. Using light to medium pressure, press at 160°C for 15 seconds. Remove the garment from the hot platen to allow to cool and peel cold.
6. Once peeled, place garment back onto the heat press, cover with a silicone sheet and repress for a further 15 seconds.

### HINTS AND TIPS

- **To achieve the best results, we strongly recommend testing your print settings and transfer application beforehand.**
- The consistency of the cured powder will change quickly. Under curing will result in a grainy finish and over curing will cause pin pricks to appear in the finish. Both under curing and over curing can affect the appearance, and durability of the transfer.
- Where possible try and thread the garment onto the heat press when pressing.
- A second press is recommended to give a soft touch matt finish and will ensure longevity.
- Hot melt adhesive powder is also available in black for dark garments.

### HEALTH & SAFETY

- **CAUTION:** Protective masks, gloves and eyewear are essential when working with DTF hot melt powder. During the curing processes, hot melt adhesive can emit hazardous fumes.
- Hot melt powder should NOT be applied on or near the printer. Application near the printer increases the risk of printer damage which may not be covered under your warranty.