

REVEAL *PrintPerfect 600T*™ Frequently Asked Questions

Q: What fabric materials can be printed with the Reveal PrintPerfect 600T Cotton Decorating System?

A: With the Reveal PrintPerfect 600T and **Reveal-S Film**, you can digitally decorate white and light-colored garments that range from 100% cotton to a 50/50 cotton-poly blend. Recommended “material weight” should be between 4.5oz to 10oz with a tight weave. When **Reveal-W** and **Reveal-WC** are introduced, you can use the Reveal PrintPerfect 600T System to decorate dark-colored garments meeting the same criteria.

Continue to check back with us at conde.com/reveal for the most current instructions and updates

Q: Do the inks used in the Reveal PrintPerfect 600T System have an expiration date?

A: Yes, the inks have an expiration date of one year from manufacture. Do not use “expired” inks in your Reveal PrintPerfect 600T System.

Q: What is the shelf life of the Reveal-S™ film?

A: When stored properly, the Reveal-S™ film has a shelf life of one year.

Q: Is the Reveal Software RIP Driver required, or can I use a standard Epson driver?

A: The Reveal Software RIP Driver is a required component of the system, because it regulates the Reveal Reactive Inks, the “clear white” channels (required for dark garments) and the color management of your graphics.

Q: What file resolution should I use for my graphics to achieve best results?

A: We recommend that you use bitmap graphics at a 300dpi image resolution or higher. You will not get acceptable results with any bitmap files at 72dpi image resolution or lower.

Q: Do I need to prepress my garment before using the Reveal films?

A: If the Relative Humidity under 40%, it is safe to transfer the image without pre-pressing the garment. If the relative humidity is between 40% and 60%, pre-press the garment for 3-5 seconds to remove the excess moisture. In a moist work environment with humidity levels exceeding 60%, a longer pre-press may be necessary to remove the extra moisture. The Reveal PrintPerfect 600T System requires a work environment between 20% - 80% relative humidity for proper operation.

Q: Do I need to “pretreat” my dark garments when using the Reveal films?

A: No, simply press the Reveal films direct to your garment. The “Smart Coating” technology eliminates the need to pretreat garments for decoration.

Q: What do I change if the image is not fully transferring to the garment?

A: Raise the heat press temperature by 5° F, allowing the press to cycle before transferring another image.

Q: I’m still having issues with the image fully transferring to the garment. What should I try next?

A: a) Raise the heat press temperature by another 5° F, allowing the press to cycle before transferring another image. b) It may be necessary to raise the pressure ¼ of a turn.

Q: What if I see excess polymer in areas where no graphic was printed?

A: Lower the heat press temperature by 5° F, allowing the press to cycle before transferring another image.

Q: Can a garment printed with the Reveal PrintPerfect 600T be washed immediately?

A: We recommend that you allow the Smart Polymer to “set” for 24 hours before washing and drying. See our Reveal Washing Instruction Sheet for additional information.



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Q: The film seems partially molten & sticks to the shirt. What's happening to the film?

A: The heat press is significantly hotter than the standard set point. Lower the temperature by 10° F, and transfer another image. If the film still sticks to the garment, try lowering the temperature another 5-10° F.

Q: What do I change if the unimaged areas of the film release too much emulsion?

A: Lower the heat press temperature by 5° F, allowing the press to cycle before transferring another image.

Q: What else do I change if the unimaged areas of the film continue to release too much to the garment?

A: a) Lower the heat press temperature by another 5° F, allowing the press to cycle before pressing another image. b) It may be necessary to lower the pressure 1/2 of a turn from the original set point.

Q: All of the heat press settings are correct, but I still have issues with light colors releasing from the film. I know these colors should work; I have used them in the past. What is causing this issue?

A: Cotton fabric is sourced all over the world, and the can fluctuate from lot to lot. It is strongly recommended to test a shirt from a new batch before beginning mass production.

Q: What is causing a dark square around the transferred image?

A: Reveal-S™ is made for white and lightly colored shirts. Ensure you are using a shirt designed for this product. Recommended shirt colors can be found at www.conde.com/reveal.

Q: What is the quickest and most effective way to select safe colors to use when creating artwork for cotton garments?

A: It is highly recommended to create a complete color chart using Reveal-S™ film to provide a repeatable set of colors to use when creating graphics. You will find color charts for Reveal-S™ at www.conde.com/reveal.

Q: What are the garment care instructions for Reveal-S™?

A: Please refer to the wash instructions detailed at www.conde.com/reveal.