-Smart Coating" Technology



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Traditional Ink Jet Transfer

A traditional ink-jet transfer paper is coated with a solid "emulsion film" to trap and suspend liquid ink in order to apply your design to a fabric. Unless the excess film is cut away before heating, the entire emulsion film is applied to the fabric. Usually, emulsion film transfers are barely visible when applied to a white fabric. They also leave a significant hand.

> However, emulsion films from traditional ink-jet transfer papers become visible when they are applied to a colored fabric. The more color within the fabric, the more visible the emulsion film appears on that fabric.

Reveal-S "Smart Coating" Technology

Ink Jet

Emulsion Layer

Reveal-S employs "Smart Coating" Technology, where the emulsion film only releases where sublimation inks are sprayed onto the film.

When heat is applied to the Reveal-S Film, dye-sub inks chemically combine with the Smart Coating polymer network and adhere to the garment. Areas of the Smart Coating with no sublimation ink stay on the Reveal-S film and do not transfer to the garment, making the Reveal-S "Sublimation-to-Cotton" film the first self-weeding ink jet transfer product! No physical trimming of your design from the film is required.

No Excess Polymer Layer