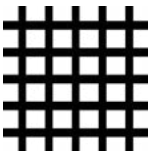
381 PREMIUM WHITE

TECHNICAL DATA SHEET

SHORT DESCRIPTION:

380 Series colors need a soft white which will have all of the same great characteristics. 381 Premium White is that ink. This is a soft, easy-to-print transfer ink specializing in hot split transfers. When you peel the transfer, 381 White will split evenly and easily.

QUICK SPECIFICATIONS:



MESH COUNT
86 to 110

381 Premium White requires 86 or 110 screen mesh for opaque, durable prints. If you print it through finer mesh, there will be so little ink on the fabric that it may crack or peel easily. If you require better detail, consider our 380 Printable Adhesive.

HEAT ON PAPER
240°F to 250°F

The ink needs to be dry to the touch but not so dry that the curing process has begun. Measure with a Thermolabel #4 stuck to the paper to be sure the temperature is correct. Over-gelled prints will not split evenly from the paper.

HEAT PRESSING
375°F - 8 sec.
Firm Pressure
Peel Hot

Washing and drying your prints to is the ultimate test of durability. It is critical to check for even pressure as a collar or seam under the heating element will cause a print to fail. Check for hot/cold spots on the heating element with an infrared gun.

SQUEEGEES
70 Durometer

Squeegees are one of many variables controlling your ink deposit. Softer squeegees are capable of printing thicker while hard squeegees allow for better print resolution. 60 durometer is soft. 70 durometer is medium. 80 durometer is hard.

CLEAN UP
PW-4 or IR-26

Many cleaning products will remove plastisol ink. We recommend Saatichem PW-4 for cleaning on-press. The IR-26 is ideal when cleaning in a washout booth. Cleaning the ink out of the screen immediately after printing is always recommended.

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381 PREMIUM WHITE BENEFITS:

- The most trouble-free hot split transfer white ink.
- Easiest white ink to properly gel.
- Soft, flexible finish.
- Perfect companion for the 380 Series colors.
- Capable of printing hot split, hot peel, and cold peel transfers.

IDEAL HEAT PRESSING GUIDELINES:

Press at the temperatures listed below with firm pressure. Remember, heat pressing is a time, temperature, and pressure process. All three variables must be considered along with ink thickness.

100% Cotton	Poly/Cotton	Polyester	Nylon/Stretch	100% Nylon	Polypropylene	Rayon
375°F	375°F	X	X	X	X	X

*Although 381 Premium White will adhere to 100% polyester as a hot split transfer, due to dye migration this is not recommended. If you must heat press 100% polyester, press at 375°F for 8 seconds with firm pressure. Be careful not to damage the fabric.

TIPS AND TRICKS:

- Test cure temperature with a Thermolabel applied to the transfer paper.
- Pre-heat the paper to prevent shrinking and humidity problems. Transfer powder will often stick to the paper if moisture is present.
- Hot peel and cold peel transfers do not require adhesive powder. However, adding adhesive powder will increase durability and bleed resistance.
- If you are getting easy cracking or peeling, it is very likely that your print is too thin, your ink is over-gelled, or your heat press pressure is not even.

Always perform a pretest print and test cure conditions on the fabric to be printed to establish the best results. Stir inks vigorously before each use. Viscosity may need adjusting for best results. If there is ever a question about a print job, call us at 800-942-4447. We are always happy to help!