

TECHNICAL DATA SHEET

SHORT DESCRIPTION:

The last thing you want to see is a T-shirt you had printed turning pink or light blue because your ink is bleeding. This is especially bad if you have a retail store and your prints don't hold up. PC 90 White is great at stopping dye migration and boasts excellent opacity.

QUICK SPECIFICATIONS:



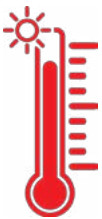
MESH COUNT
86 to 158

This is simply a recommendation based on printing difficult poly/cotton fabrics. Preventing dye migration may require a generous ink deposit. However, PC 90 White will print through finer mesh with ease.



FLASH CURE
3/5: Average

The rating of **AVERAGE** implies a flash cure performance similar to most plastisol inks. Due to the great number of variables involved, we cannot specify a specific flash time or temperature. However, this ink should flash dry like most inks you have printed before.



INK CURING
320°F to 330°F

Washing and drying your prints to check durability is the ultimate test of ink curing. However, the use of Thermolabels is the most sensible method of testing for your day-to-day operations. This will help you prevent cracking, peeling, and washout.



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 SaatchiChem 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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PC 90 WHITE BENEFITS:

- Excellent bleed resistance on poly/cotton fabric.
- Great coverage through both coarse and fine screen mesh.
- Perfect solution for the popular 65/35 blends of polyester and cotton.
- Viscosity works well for manual and automatic presses.

IDEAL CURING GUIDELINES:

Cure the PC 90 White at the temperatures listed below (measure with a Thermolabel). Curing is a time and temperature process. A lower temperature with a slower belt speed is always the best method.

| 100% Cotton | Poly/Cotton | Polyester | Nylon/Stretch | 100% Nylon | Polypropylene | Rayon |
|-------------|-------------|-----------|---------------|------------|---------------|-------|
| 320°F | 320°F | X | X | X | X | X |

*PC 90 White will adhere to 100% polyester fabrics. However, due to dye migration concerns we do not recommend PC 90 White for use on 100% polyester.

TIPS AND TRICKS:

- PC 90 White is a great solution for printing simulated process as it will print very well through fine mesh counts.
- Combine PC 90 White with Colormax Series colors for excellent coverage and bleed resistance on cotton and poly/cotton fabrics.
- Although the PC 90 White is flexible, it is not meant for polyester/stretch blends.

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!