

TECHNICAL DATA SHEET**SHORT DESCRIPTION:**

Colormax Series is a super-opaque ink for printing cotton and poly/cotton fabrics. These colors are meant to avoid a white underbase when you simply print-flash-print on dark fabric. In many situations, these inks will give you one-print coverage.

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, Colormax FF 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.



TECHNICAL DATA SHEET

COLORMAX SERIES BENEFITS:

- Impressive coverage on dark fabrics.
- Excellent bleed resistance on the most difficult poly/cotton fabrics.
- Great viscosity for both manual and automatic presses.
- Awesome ink for screen printing simulated process designs.

IDEAL CURING GUIDELINES:

Cure the Colormax Series 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	320°F	X	X

*Colormax Series ink will adhere to 100% polyester. However, superior inks exist for these fabrics. If you decide to print Colormax Series on 100% polyester, cure the ink to 320°F. Dye migration is our primary concern.

TIPS AND TRICKS:

- Combine Colormax Series colors with Colormax FF White for fantastic coverage on every print.
- Nylon items such as 210 denier cinch sacks and thin rain jackets may require a lower cure temperature than Colormax Series can provide. For these items, consider our ELT Series as it can cure as low as 250°F.
- Colormax Series colors are tough and durable. These can be great on nylon football uniforms, youth baseball tees, and other sports involving contact or sliding.

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!