

TECHNICAL DATA SHEET

SHORT DESCRIPTION:

EJ Special White has been a top-selling ink for a very long time. This may be due to its smooth texture, creamy viscosity, and amazing opacity. Maybe it is due to a couple decades of great prints. Regardless, this is a great T-shirt ink.

QUICK SPECIFICATIONS:



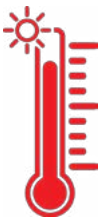
MESH COUNT
86 to 158

This is simply a recommendation based on printing opaque prints on dark fabric. EJ Special White will easily print through finer mesh counts when necessary for detailed art work. This is a great plastisol ink for printing simulated process as well.



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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EJ SPECIAL WHITE BENEFITS:

- Very opaque white ink without puff.
- Smooth finished product without a lot of texture.
- Great for use as a simulated process or four color process underbase.
- Perfect for both manual and automatic presses.

IDEAL CURING GUIDELINES:

Cure the EJ Special 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

*EJ Special White will adhere to 100% polyester fabrics. However, due to dye migration concerns it is not recommended.

TIPS AND TRICKS:

- Add 10% S-Additive for use on cotton/stretch blends. This will give the EJ Special White the stretch it needs.
- When dye migration is a concern, always print-flash-print with 110 count screen mesh to achieve best results.
- Not sure which ink colors to print with EJ Special White? Consider our 480 Series (general purpose ink) or Colormax Series (super-opacity ink).

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!