

TECHNICAL DATA SHEET

SHORT DESCRIPTION:

EJ Blacklight White is just like our regular EJ Special White as it has great coverage and works very well as an underbase. However, this ink will glow under blacklights making it a great option when printing glow in the dark ink or fluorescent colors.

QUICK SPECIFICATIONS:



MESH COUNT
86 to 158

This is simply a recommendation based on printing opaque prints on dark fabric. EJ Blacklight 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 BLACKLIGHT WHITE BENEFITS:

- Very opaque white ink without puff.
- Smooth finished product without a lot of texture.
- Glows like a white sock under blacklights.
- Perfect for both manual and automatic presses.

IDEAL CURING GUIDELINES:

Cure the EJ Blacklight 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 Blacklight 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 Blacklight 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 Blacklight White? Consider our Brite Series, EZ Flo Series, or 180 Series Glow in the Dark inks.

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!