

**TECHNICAL DATA SHEET****SHORT DESCRIPTION:**

You want impressive coverage with a soft, flat finish for use as a stand alone white or a high resolution simulated process base white. You also want that ink to print easily on automatic equipment. No running up the squeegee. Quick Flash. No down time. This is it!

**QUICK SPECIFICATIONS:****MESH COUNT**  
86 to 158

This is simply a recommendation based on printing opaque prints on dark fabric. AutoMagic 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**  
5/5: **Exceptional**

The rating of **EXCEPTIONAL** implies a flash cure speed of approximately half that of any standard plastisol ink. Due to the great number of variables involved, we cannot specify a specific flash time or temperature.

**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 Saatchem 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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### AUTOMAGIC WHITE BENEFITS:

- Extremely fast flash cure time.
- Superb opacity on black and navy fabric.
- Perfect for automatic presses as it will not run up the squeegee.
- Very soft hand and smooth finish for use as a stand alone or underbase white.
- Manual printers will love the creamy viscosity.

### IDEAL CURING GUIDELINES:

Cure the AutoMagic 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

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

### TIPS AND TRICKS:

- The fast flash cure time allows you to turn the heat down on the flash cure unit and protect delicate fabric. This will also extend the platen adhesive life.
- Manual printers who cannot adjust the flash cure temperature should consider flashing faster or raising the height of the flash cure unit.

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!