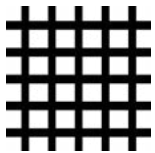


**TECHNICAL DATA SHEET****SHORT DESCRIPTION:**

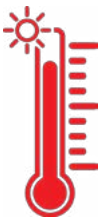
Sometimes you simply need a white ink on press that is easy to print, soft, and very flat for detailed underbases. Underbase White is exactly that. It will also cover dark cotton and poly/cotton for simple one and two color prints.

**QUICK SPECIFICATIONS:****MESH COUNT**  
110 to 230

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

**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

### UNDERBASE WHITE BENEFITS:

- Extremely flat print for the perfect underbase.
- Covers dark cotton and poly/cotton fabric with ease.
- Great viscosity for both manual and automatic presses.
- Soft hand feel.

### IDEAL CURING GUIDELINES:

Cure the Underbase 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

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

### TIPS AND TRICKS:

- When printing stretchy cotton, ink deposit is very important. If you print the ink too thin, it will crack much more easily than a thick ink deposit.
- Screen print Underbase White with 480 Series colors for soft, flexible, and very flat prints.
- Consider this white ink for 4 color process and simulated process underbases. It will be very smooth after the flash allowing for excellent resolution.

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!