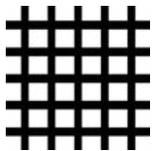


TECHNICAL DATA SHEET

SHORT DESCRIPTION:

Hybrid Series is a super-opacity ink with a soft-hand feel. Getting coverage on dark fabrics is possible without a rough, plastic feel. Hybrid also excels at laying down the fibers of tees and sweats so you are left with a smoother print.

QUICK SPECIFICATIONS:



MESH COUNT
86 to 158

This is simply a recommendation based on printing opaque prints on dark fabric. Hybrid Series 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.



TECHNICAL DATA SHEET

HYBRID SERIES BENEFITS:

- Extremely opaque for printing dark cotton and poly/cotton without a white underbase.
- Very bleed resistant formula to prevent your prints from changing colors on poly/cotton.
- Soft, stretchy feel for printing cotton/stretch fabrics.
- Great printing viscosity, especially the Hybrid White.
- Very effective ink option for ribbed cotton.

IDEAL CURING GUIDELINES:

Cure the Hybrid 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	X	X	X

*Hybrid Series will adhere to 100% polyester fabrics. However, due to dye migration concerns we do not recommend Hybrid Series for use on 100% polyester. If the polyester fabric is white, print and cure the Hybrid Series inks to 320°F.

TIPS AND TRICKS:

- For printing colors such as scarlet or gold on a black fabric without the use of a white underbase, print-flash-print the color through 158 count mesh or larger.
- Although the Hybrid Series colors are designed to be printed without the white underbase, they may be an excellent option for this. Some general purpose ink colors will look blotchy on an underbase. Hybrid Series colors are opaque and should never do this.
- 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.

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!