

TECHNICAL DATA SHEET

SHORT DESCRIPTION:

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

QUICK SPECIFICATIONS:



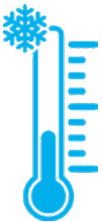
MESH COUNT
86 to 158

This is simply a recommendation based on printing opaque prints on dark fabric. MB White will easily print through finer mesh counts when necessary for detailed artwork. 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
280°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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MB WHITE BENEFITS:

- High viscosity ink with easy printability.
- Perfect highlight white for better feeling prints
- Extremely opaque ink for printing dark cotton and poly/cotton.
- Soft, stretchy feel for printing cotton/stretch fabrics.
- Lower cure temperature to be gentler on delicate fabrics.

IDEAL CURING GUIDELINES:

Curing MB White at the temperatures listed below (measure with a Thermolabel) will give you the best possible print without damaging the fabric. 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
280°F	280°F	X	X	X	X	X

MB White will adhere to 100% polyester fabrics. However, due to dye migration concerns, we do not recommend for use on 100% polyester. If the polyester fabric is white, print and cure the MB White Series to 280°F.

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.
- Perfect for printing on fuzzy tees and hoodies.
- Compatible with Hybrid, Hybrid LC, & Colormax colors.

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!