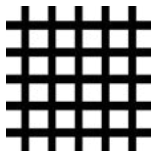


TECHNICAL DATA SHEET

SHORT DESCRIPTION:

Color consistency is crucial when printing four color process. These colors have been formulated to provide the largest possible color gamut with such a limited number of inks. Perfect color every time!

QUICK SPECIFICATIONS:



MESH COUNT
230 to 355

This is simply a recommendation as your art work will determine exactly which mesh count is right for you. EZ Process Series ink is ideal through 305 monofilament mesh in most situations. Manual printers may prefer 230 while automatic printers may prefer 355.



FLASH CURE
N/A

Flash curing four color process prints is not recommended as it is a wet-on-wet printing process.



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
80 Durometer

80 Durometer squeegee rubber is recommended as you want to control the ink deposit with four color process printing. A hard triple durometer such as 75-90-75 would also be recommended. Soft squeegee rubber could make the colors “muddy”.



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

EZ PROCESS SERIES BENEFITS:

- Largest color gamut of any four color process ink (reproduce more colors).
- Perfect ink viscosity for fine mesh printing.
- Online color values are available for accurate color separations every time.
- EZ Process Black is excellent for use as a stand alone black ink on T-shirts.
- 3X and 6X formulas available.

IDEAL CURING GUIDELINES:

Cure the EZ Process 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

*Four color process inks are translucent. You must print on white fabric or on a white underbase to be successful. When screen printing on poly/cotton, always print with a bleed resistant white underbase.

TIPS AND TRICKS:

- Visit our website for the latest Adobe Photoshop color values. This allows for accurate color representation every time you separate art work.
- Always print on white fabric or a white underbase.
- Four color process is meant to print wet-on-wet. This is more difficult on a white underbase as the ink cannot sink into the shirt.
- When outputting your film positives, be sure to check your screen angles and LPI. If you don't know what your settings should be, there are many videos on the internet to help you with this.
- Print lightest to darkest. Usually this is yellow, cyan, magenta, then black.

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!