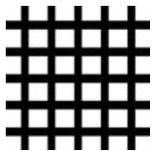


TECHNICAL DATA SHEET

SHORT DESCRIPTION:

180 Series is our special effect ink series. We have an amazing selection of glow in the dark inks. **Phos Flo** inks are neon/fluorescent inks which glow. **Phosphorescent** inks are clear/milky white inks which glow. Both of these inks will glow in the dark and under blacklights.

QUICK SPECIFICATIONS:



MESH COUNT
86 to 110

This is a recommendation only. The thicker you print glow in the dark inks, the stronger and longer they will glow. Also, these inks must be printed on white fabric or on top of a white underbase. "Hiding" the ink on a black shirt may not glow at all.



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.



180 SERIES: GLOW IN THE DARK

TECHNICAL DATA SHEET

GLOW IN THE DARK BENEFITS:

- Phosphorescent inks printed on top of white ink will look white during the day and glow its color in the dark or under blacklights.
- Extremely easy-to-print special effect. Ink viscosity is like any general purpose ink.
- “Ultra” colors are available if you need the best glow possible. These colors are expensive but they are awesome.

IDEAL CURING GUIDELINES:

Cure the Phos Flo and Phosphorescent inks 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

*Glow in the Dark inks will adhere to 100% polyester. However, due to dye migration concerns they are not recommended unless the fabric is white.

TIPS AND TRICKS:

- Thick prints yield the best results.
- Glow in the dark inks need to be charged. If your customer pulls the printed shirt out of a box and walks into a dark room, it may not glow very strong. Bring it out into sunlight first.
- Yellow/Green will glow stronger than all other glow in the dark colors.
- See the colors in our new Eclectic Color Book.

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!