



PRODUCT INFORMATION

Ecosol II GL (Night Glow Series)

GENERAL INFORMATION

Ecosol II GL is an eco-solution thick film colors with night glow inks that is design with PVC, Phthalate and Formaldehyde free raw material and is a "Plastisol simulated" ink system. It is use for high density night glow effect in most safety wear design application. Ecosol II GL series is also being used in high density multi colors glow in the dark transfer printing system. Ecosol II GL Series consist of night glow white, night glow blue, night glow yellow, night glow green, night glow orange, night glow red, night glow pink and night glow magenta. All night glow colors are translucent by nature as light travel through the transparent ink, energy are absorbed and store.

TYPE OF FABRICS

Cotton, Blend, Polyester, Polyester Lycra, Polyester Monofilament and certain polyester High-tech fabric.

*** ALWAYS PRETEST FASTNESS PROPERTIES BEFORE PRODUCTION. ***

APPLICATION TIPS

- Ecosol II GL is recommended to be use direct from the can.
- Always lay down higher deposit of ink by using causer mesh, rounded squeegee and soft table.
- Minimal ink thickness recommended for Ecosol II GL to be printed on to the fabric should be above 300 micron.
- Flash using color-blind IR heat source at 250°C until ink is touch dry.
- Ink cure at 160 °C.

Note: It is important to stir this product before use. Lids must be kept on the containers at all times.

TYPE OF STENCIL & MESH

Printers are advice to use only direct in direct emulsion. We strongly recommend the use of Capillary film for optimum color night glow in high density printing (Call your emulsion supplier for photo emulsion and capillary film recommendation).

Emulsion Thickness

200 to 500 microns.

Mesh Type

32~53T monofilament mesh are recommended.

SQUEEGEES AND PRINTING TABLE.

Use 55 sore hardness squeegees. Triple hardness squeegees 45/90/45 is prefer for high productivity jobs.

DRYING AND POLYMERIZATION.

For maximum fastness, prints are to be cure at 160°C. Airflow recommended is 55 cmm for 2 minutes.

OTHERS IMPORTANT TIPS.

Always stir ink well before application. Store ink at room temperature (Below 50°C) to prevent viscosity built up. Inks have pot life of approximately 24 month if store at temperature at room temperature. (25°C @ humidity <50pct)

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