



PRODUCT INFORMATION

Ecosol II Process Base (Clear)

GENERAL INFORMATION

Ecosol II Process Clear is an eco-solution high clarity, high glossy and high transparent clear ink that is design with PVC and Phthalate free Plastisol Process base system. It can also use be used as direct foil adhesive and flocking adhesive on certain type of fabric. Ecosol II Process Clear is an excellent product for use for mixing standard process colors in CYMK process printing light and dark. Ecosol II Process Clear is also being used in as a high gloss finishing ink in transfer printing. Reducers 9 or Reducer 10 are recommended to reduce viscosity of Ecosol II Process Base Clear when lower viscosity are required for high mesh printing.

TYPE OF FABRICS

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

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

APPLICATION TIPS

Ecosol II Process Base Clear are recommended to be use direct from the can.

1. For Process printing EII Process Clear are recommended with CSC Ecosol II Process Color Pigment Concentrated at around 3 to 5 % by weight.
2. Always lay down higher deposit of ink by using causer mesh, rounded squeegee and soft table for high glossy effect on calendaring process.
3. For thick film printing, always make sure ink are intermediate flashing properly.
4. Use minimal ink thickness recommended for Ecosol II 4 color process printing.
5. Flash using IR Quartz heat source at 250°C until ink is touch dry.
6. Ink should be 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. Capillary film are recommended for high density printing (Call your emulsion supplier for water resist emulsion).

Mesh Type

41~150T metric (100~380) monofilament mesh are recommended for printing Ecosol II Process Color.

SQUEEGEES AND PRINTING TABLE.

Use 65/75 sore hardness squeegee are recommended.

DRYING AND POLYMERIZATION.

For maximum fastness, prints are to be cure at 160°C. Airflow recommended is 55 cmm for 120 seconds at ink film thickness below 35 micron.

OTHERS IMPORTANT TIPS.

Always stir ink well before application. Store ink at room temperature (Below 50°C) to prevent viscosity built up.