



PRODUCT INFORMATION

ECOSOL II HIGH GLOSS SERIES

GENERAL INFORMATION

Ecosol II High Gloss is an eco-solution ink that is PVC, Phthalate and Formaldehyde free. It is “plastisol simulated” 100 percent solid acrylic binding system. This ink is an environmentally friendly simulated plastisol ink. It is ready for use with high elastomeric non air-dry ink with one pot system. Ecosol II High Gloss imparts high gloss effect that comparable with silicone ink. Ecosol II High Gloss has good elastomeric properties, high washing fastness properties and excellent printability. It is best applied as topcoat which gives transparent high gloss effect.

TYPE OF FABRICS

Cotton, Blends Cotton and Polyester.

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

APPLICATION TIPS

Ecosol II High Gloss Series is ready for use (one pot system). It should be stirred well before use, as it has tendency of forming false body during storage. For curing, Ecosol II High Gloss has to be flashed and be cured at optimum temperature. Do not stretch fabric while it is hot. Lids must be kept on the containers at all times.

TYPE OF STENCIL & MESH

Printers are advised to use only direct in direct emulsion. Capillary film is recommended for high density printing.

43T~77T monofilament for solid graphic design.

SQUEEGEES AND PRINTING TABLE

Squeegee with 65 shore hardness is recommended for round shape print effect whereas squeegee 70/75 shore hardness to get sharp edge print effect. Soft table is most suitable for high-density effect and off-contact needs to be used. We suggest under laying silicon rubber on top of the printing pallet to improve the printing table hardness.

DRYING AND POLYMERIZATION

For maximum fastness, prints are to be cured at 160°C or 320°F. Airflow recommended is 2000 cfm for 120 seconds at ink deposit thickness below 50 micron.

PACKING AND STORAGE

20 liters opaque pails

Always store ink under shade and away from direct sunlight and never store ink above 50°C

OTHERS IMPORTANT TIPS

Avoid printing Ecosol II in conjunction with Plastisol to prevent PVC & Phthalates contamination. Make sure all tools used are separated from plastisol printing application. Store ink at room temperature to prevent viscosity built up. Ink has shorter shelf life if store at high temperature.