



PRODUCT INFORMATION

ECOSOL E1 DTG PROCESS CP COLORS

Ecosol E1 DTG Process CP Colors is another CSC innovation using our hybrid technology in motive impression on digital printing. Ecosol E1 DTG Process CP consist of Process CP Cyan, Process CP Magenta, Process CP Yellow, Process CP Black, CP Special Red and CP White.

Ecosol E1 DTG Process CP Colors is an environmental friendly digital ink which are totally waterbase which produce using renewable energy. The advantages of our DTG Process CP Color are that it can be use on a wide range of digital inkjet print head as it has a variation of viscosity for different type of print head.

Ecosol E1 DTG Process CP Colors are fully compatible with our Ecosol E1 DTG White. The compatibility of Ecosol E1 DTG Process CP Colors with Ecosol E1 DTG White are the reason for our products excellent hand feel, good elastomeric, excellent washing and crocking fastness.

TYPE OF FABRICS

Cotton, Blends Cotton Polyester and stretchable Cotton lycra, stretchable Nylon lycra and some woven Nylon.

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

APPLICATION TIPS

White Fabric: Print direct onto white fabric with our Ecosol E1 DTG Process CP colors. You may increase the color intensity if deeper color shade is required.

Dark Fabric: Print an underbase using Ecosol E1 DTG White to hide the ground color of your fabric using screen printing process. Print direct onto Ecosol E1 DTG White while ink are wet with our Ecosol E1 DTG Process CP colors using your digital inkjet printer. You may adjust your color intensity upon your wish.

PROCESS

ON DARK

Prepare your artwork on your computer and using the same design output an underbase.

Your stencil for printing Ecosol E1 DTG White are recommended to be using 77~90T mesh at 30N at 100µm emulsion thickness with dual cure emulsion.

Squeegee recommended are bevel type with hardness 55/65 durometer.

Print Ecosol E1 DTG White onto your dark garments.

While Ecosol E1 DTG White is still wet, over print your design from your computer using a DTG inkjet printer with Ecosol E1 DTG Process CP colors.

Cure ink at 160°C for 2 minutes at 55m³/m IR air flow dryer.

On White

Print direct onto white garment from your computer to a DTG printer using Ecosol E1 DTG Process CP colors.

Cure ink at 160°C for 1.5 minutes at 55m³/m IR air flow dryer.

FLASHCURING AND CURING.

For maximum fastness on all dark fabric printed with Ecosol E1 DTG Process CP colors underbase with Ecosol E1 DTG White are to be cure at 160 °C for 2 minutes at 55m³/m IR air flow dryer.

Recommended curing temperature for white fabric are 160°C for 1.5 minutes at 55m³/m IR air flow dryer.

Flashing curing temperature for Ecosol E1 DTG White are 250 °C for 3 to 5 seconds.

OTHERS IMPORTANT TIPS.

Ecosol E1 DTG Process CP colors and Ecosol E1 DTG White are heat cure ink. Insufficient curing will cause poor fastness performance. Store ink at room temperature (±32 °C) to prevent viscosity built up.

Info: 28.10.16

