



## PRODUCT INFORMATION

### ECOSOL E1 DTG COLOR SERIES

Ecosol E1 DTG Color Series is another CSC innovation using our hybrid technology in motive impression on digital printing. Ecosol E1 DTG Color Series consist of Ecosol E1 DTG Cyan, Ecosol E1 DTG Magenta, Ecosol E1 DTG Yellow, and Ecosol E1 DTG Black.

Ecosol E1 DTG Color Series is environmentally friendly digital ink which is totally waterbase which produce using renewable energy.

The advantage of our Ecosol E1 DTG Color Series is that it can be used 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 Color Series is fully compatible with our Ecosol E1 DTG White. The compatibility of Ecosol E1 DTG Color Series with Ecosol E1 DTG White is the reason for our product 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 Color Series. 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 is wet with our Ecosol E1 DTG Color Series using your digital inkjet printer. You may adjust your color intensity upon your wish.

### APPLICATION ON DARK GARMENT

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

Your stencil for printing Ecosol E1 DTG White is 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 Color Series.

Cure ink at 160°C for 2 minutes at 55m<sup>3</sup>/m IR air flow dryer.

### APPLICATION ON WHITE GARMENT

Print direct onto white garment from your computer to a DTG printer using Ecosol E1 DTG Color Series.

Cure ink at 160°C for 1.5 minutes at 55m<sup>3</sup>/m IR air flow dryer.

### FLASHCURING AND CURING

For maximum fastness on all dark fabric printed with Ecosol E1 DTG Color Series, underbase with Ecosol E1 DTG White is to be cured at 160 °C for 2 minutes at 55m<sup>3</sup>/m IR air flow dryer.

Recommended curing temperature for white fabric is 160°C for 1.5 minutes at 55m<sup>3</sup>/m IR air flow dryer.

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

### OTHERS IMPORTANT TIPS

Ecosol E1 DTG Color Series 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.

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