



Equalizing Printing System



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EPS – EQUALIZING PRINTING SYSTEM FOR DIRECT-TO-TEXTILE, DOUBLE-SIDED PRINTING

PRODUCT DESCRIPTION

EPS is a system for double-sided printing on fabrics through digital technology. It is designed to allow homogeneous colour penetration into the fabrics in direct to-textile printing through the use of:

EPS Clear - A non-pigmented ink which has the function to “drive” the other colours through the fabric in order to achieve a uniform volume regardless of differences in colour shade and intensity.

Advantages

- Double-sided printing through digital technology due to uniform colour penetration.
- Vibrant and intense colours on the reserve side, scarcely distinguishable from the front
- No dithering
- Development of new application sectors in digital direct-to-textile printing

SUBSTRATES TO BE PRINTED AND INKS APPLICATIONS

- Polyester with sublimation direct printing inks
- Polyester with disperse high-energy inks
- Cotton and cellulosic fibres with reactive inks
- Wool, nylon and silk with acid inks

AVAILABLE EPS CLEARS: PRINTHEADS COMPATIBILITY & PACKAGING

CODE	DESCRIPTION	PRINTHEAD	PACKAGING	SHELF LIFE
EPS151.0LW-10	E.P.S. 00071	EPSON	1 l	6 months
EPS155.0K-14KY	E.P.S. FOR KYOCERA	KYOCERA	5 Kg	24 months
EPS155.0K-14	E.P.S. FOR RICOH 00884	RICOH (HIGH-VISCOSITY)	5 Kg	24 months
KMEPS60.0K	E.P.S. S.V. - KM	KONICA MINOLTA	60 Kg	24 months
JLAB00015651.0LWH	E.P.S. SYSTEM SI	RICOH (LOW VISCOSITY)	1 l	24 months

USE AND STORAGE INSTRUCTIONS

- It requires the use of a six-colour digital printer. EPS Clear replaces one or more colour slots in addition to CMYK, usually those of the light inks. With EPS Clear the chromatic characteristics of each colour are maintained, the dithering effect is absent, the ink jet is more uniform thus improving the print quality of both light and dark shades.
- You can use EPS Clear with the most common textile RIP Software.
- Ink limit can vary from one fabric to another and mostly depend on fabric pre-treatment.
- The thicker the fabric the higher the ink limit to allow a sufficient ink penetration in order to have a perfect double-sided printing.
- **Colour Fixing** -Fabrics printed with EPS Clears can be fixed with the following systems: heating press, calender, oven and steamer
- It is recommended to keep the product away from light and heat sources at a **temperature lower than 25°C**.

Important: we strongly suggest to always carry out pretests of printing and drying of the substrates to be printed in order to establish the operative conditions and the results to be achieved. We also suggest stirring the product before the use and carefully follow the instructions written on the label and on the material safety data sheet enclosed to the products. Furthermore, we remind you that the ink performances can vary according to the type of printer and substrate used in the final application.

Note: The information contained in this information sheet are based on our present experience and knowledge. In consideration of the various factors which can affect the result achieved in the final application, the company does not take any responsibility for an improper use of the product. The information contained herein is general in nature and believed to be correct at the time of writing. No responsibility will be accepted by the company for any loss or damage suffered by anyone as a result of the information contained herein.

