CTS K301 DMD ECO

PRODUCT DESCRIPTION

Pure polymer photoemulsion suitable for the preparation of frames for continuous textile printing. The photoemulsion is suitable for exposure with DMD/DLP systems "Computer To Screen"

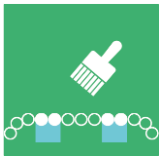
APPLICATION FIELDS

Photoemulsion suitable for printing water-based inks and textile pastes.

CHARACTERISTICS

- Colour: blue
- Solid content 38%
- Viscosity: around 5.000 cps (25°C)
- Recommended fabrics from 34 threads/cm to 90 threads/cm
- For CTS DMD systems
- Very good contour definition
- Excellent resolution
- Solvent free

APPLICATION PROCESS



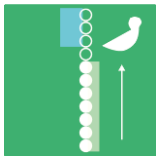
PREPARATION OF FABRIC

New fabric: degrease with products of the Cleanser series.

Recovered fabric: operate in advance with Polistrip series products and then with Cleanser series.

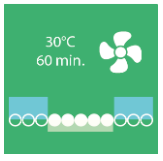
SENSITATION

It's not necessary sensitation



APPLICATION

The method of application depends on the fabric chosen, the recommended range is from 34 threads/cm to 90 threads/cm. For example, with fabric 62 threads/cm, it is recommended to apply one coat on the print side and one hand on the squeegee side (following the order indicated).



DRYING

After application, dry the screens horizontally and with the press side facing downwards in a ventilated oven for about 60 minutes. It is recommended to dry at a temperature of 30 °C - 40 °C. C. Too high temperatures may compromise the development of the screen. Drying times vary depending on the amount of photoemulsion applied.

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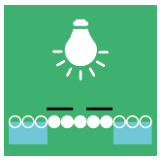


EXPOSITION

The exposure times are conditioned by:

- Quality and type of light source
- Type of CTS system
- Photoemulsion thickness (EOM)

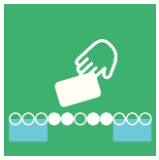
It is recommended to carry out preliminary tests to find the correct exposure time.

DEVELOPMENT

After the exposure, wet the screen internally and externally, leave the screen for a few moments and then rinse with a water jet on the printing side until the details of the drawing are completely opened. If possible, it is recommended to immerse the framework in water at room temperature for about 5 minutes before development.

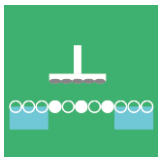
RETOUCHING

Any adjustments can be made with the sensitized emulsion. Carry out a re-exposure afterwards.



RECOVERY

If necessary, the recovery of the frames after printing is recommended the use of Polistrip series products. Catalyzed frames cannot be recovered.



CATALYST

If necessary to have significant chemical/mechanical resistance, the photoemulsion must be catalysed with Catalyst 210 (Cod. M160210K001000).

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SPECIAL RECCOMANDATION

- Always test the characteristics of the product before proceeding to the application.
- Usare sempre il prodotto in ambiente protetto con luce gialla.
- The sensitized and stored emulsion at a maximum temperature of 20 °C has a shelf-life of one year.
- Sensitized emulsion, when stored at a temperature between 4,5 and 10,3 has a 4-6 week pot life.
- • Safety data sheet available on request.

PACKAGING

M223601EK005000	5 Kg

SPECIAL INFORMATION NOTE

The information contained in this data sheet is not to be considered exhaustive, but anyone who uses the product for any purpose other than that specifically recommended on this document without a precise written confirmation from us, He does it at his own risk.

Although we strive to ensure that all the advice given here about the product is correct, we do not have any control over the quality and conditions of the support, or the multiple factors that may affect the use and application of the product.

Therefore, except for specific written agreements, we do not accept any responsibility - of quality nature and in whatever way it occurs - for the performance of the product, nor for any loss or damage resulting from the unauthorized use of the product.

The information contained in this document is subject to periodic reviews, based on experience and our policy of constant product improvement.