

# ®CSC SCREEN PROCESS SUPPLIES SDN. BHD.

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(431984-A)

## TECHNICAL DATA SHEET

# RUBBERIZE M3000MP SERIES

### GENERAL INFORMATION

Rubberize M3000MP Series is an economical, machine printable rubberize series ink which produced through CSC advance green edible oleo-polymerization technology.

Rubberize M3000MP Series consists of Rubberize White M3280MP and Rubberize Clear M3100MP.

### FEATURES

- Machine applicable
- Excellent hand feel
- Excellent washing fastness
- Highly opaque
- Matt and tack free finishing
- Great crocking fastness
- Excellent pseudoplastic flow
- Compliance to Eco Passport by Oeko-Tex® & Nike RSL

### TYPE OF FABRIC

Rubberize M3000MP Series are compatible with Cotton, Blends Cotton Polyester, Polyester, Rayon and a wide variety of nature fabric.

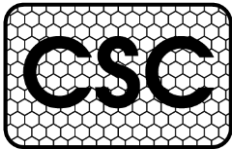
***\*ALWAYS PRETEST FASTNESS PROPERTIES BEFORE PRODUCTION\****

### APPLICATION METHOD

Add pigment concentrated to Rubberize M3000MP Series paste to the desire color shade ( $\leq 8\%$  in weight) and mix well. Add half percent of CBA NF to enhance the washing performance if concentrated Pigment was added above recommended dosage.

Rubberize M3000MP Series can be use right out of its container.

Rubber White M3280MP recommended for under base printing on dark and Rubberize Clear M3100MP are used for color tinting.



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## **PRINTING AND PROCEDURE**

Always start printing with the lightest color first. The darkest color was printed last for excellent color brightness. Flood screen after every print stroke for good ink deposit when printing as well as to prevent screen drying. Use low squeegee pressure for a maximum ink deposit on fabric. Heavy squeegee pressure will cause heavy penetration and will affect on the hand feel quality as well as the print fastness and the color brilliancy.

## **TYPE OF STENCIL & MESH**

Use only water resist direct in direct emulsion. Extensive expose stencil after preparations are recommended for assurance of stencil the durability.

Mesh recommended range from 32 to 60 metric counts. Finer mesh is for detail and normally will be chosen as the last screen color.

Minimum screen tension recommended should be above 25 Newton to maximize the print performance.

## **SQUEEGEE AND TABLE**

Squeegee hardness within 45 to 65 durometer hardness (double hardness squeegee recommended such as 45/90/55) is recommended. Rounded squeegee are recommended for good opacity for printing full graphic on dark garment.

## **DRYER AND VENTILATION**

For maximum fastness, prints are to be cure at 150°C/302°F for 90 seconds. Air flow recommended is 57 m<sup>3</sup>min<sup>-1</sup>/2000ft<sup>3</sup>min<sup>-1</sup> for good polymerization.