

®CSC SCREEN PROCESS SUPPLIES SDN. BHD.

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TECHNICAL DATA SHEET

RUBBERIZE M3000GP SERIES

GENERAL INFORMATION

Rubberize M3000GP Series is an economical rubberize series ink which produced through CSC advance green edible oleo-polymerization technology.

Rubberize M3000GP Series consists of Rubberize White M3280GP and Rubberize Clear M3100GP.

Rubberize M3000GP Series gives good hand feel, good washing fastness, good crocking fastness, excellent opacity, good printability, matte & tack free finishing and able to meet the entire requirement of CSC E1 compliant listing.

Rubberized M3000GP possesses excellent pseudoplastic flow viscosity which gave high ink deposit for excellent print opacity.

TYPE OF FABRIC

Rubberize M3000 System are compatible with Cotton, Blends Cotton Polyester, Polyester, Rayon and a wide variety of nature fabric.

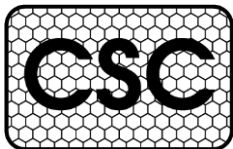
****ALWAYS PRETEST FASTNESS PROPERTIES BEFORE PRODUCTION****

APPLICATION METHOD

Add pigment concentrated to Rubberize M3000GP Series paste to the desire color shade (0% to 8%) and mix well. Add half percent of CBA NF to enhance the washing performance if concentrated Pigment was added above recommended dosage.

Rubberize M3000GP Series can be use right out of its container.

Rubber White M3280GP recommended for under base printing on dark and Rubberize Clear M3100GP are used for color tinting.



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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.

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 effect on the hand feel quality as well as the print fastness and the color brilliancy.

DRYER AND VENTILATION

Rubberize M3000GP Series are non-air-dry polymer, in situation where humidity is high and room temperature are low, common thermosetting temperature recommendation are 150°C/302°F with air flow of 1800 f³min⁻¹/ 50 m³min⁻¹ for approximately 90 seconds.