



CSC Screen Process Supplies Sdn. Bhd.

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PRODUCT INFORMATION

Rubberize M3000 Series

GENERAL INFORMATION

With our advance edible oleo-polymerization technology in supporting green, CSC are proudly introducing our 2013 Rubberize M3000 matte rubberize series ink system.

Rubberize M3000 System consists of Rubberize M3280 White, Rubberize M3100 Clear and Rubberize M3120 Opaque Base.

Rubberize M3000 System gives good hand feel, with good washing fastness, good crocking fastness, excellent opacity, good printability, able to meet the entire requirement in our E1 compliant listing, matte and tack free.

Rubberize M3000 are having Newtonian viscosity with will give good thick ink film formation which improve print opacity.

TYPE OF FABRIC

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

APPLICATION METHOD

Add pigment concentrated to Rubberize M3000 System 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. Hardener EX is recommended to improve high abrasion fastness on heavy wash. All Rubberize M3000 System can be use right out of its can and recommended for underbase for printing on dark, Rubberize M3120 Opaque Base are used for color matching and Rubberize M3100 Clear are used for color tinting.

TYPE OF STENCIL

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 69 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 as Newtonian viscosity performs poorer printability when screen tension is low.

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 M3000 System are non-air-dry and self-crosslinking polymer, in situation where humidity are high and room temperature are low, common thermosetting temperature recommendation are 150°C/302°F with force air of 1800cfm/50cmm for approximately 60 seconds.

Info: 11/04/14/1 edt.

