



CSC Screen Process Supplies Sdn. Bhd.

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PRODUCT INFORMATION

Rubberize M7000 Series

GENERAL INFORMATION

With our advance edible oleo-polymerization technology, CSC is proudly introducing our 2014 Palm Polyurethane-Rubberize M7000 high elongation rubberizes series ink system.

Rubberize M7000 System consists of Rubberize M7280 White, Rubberize M7100 Clear and Rubberize M7120 Opaque Base.

Rubberize M7000 System gives excellent good hand feel, with good washing fastness, good crocking fastness, excellent opacity, good printability, able to meet our E1 compliant listing, high elongation elastomeric and tack free. Rubberize M7000 are having a balance of Thixotropic and Newtonian viscosity with good pseudoplastic flow which will give good and fast thick ink film formation which improve print opacity.

TYPE OF FABRIC

Rubberize M7000 System are compatible with Cotton, Blends Cotton Polyester, Polyester, Rayon and a wide variety of nature fabric.

APPLICATION METHOD

Add pigment concentrated to Rubberize M7000 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. Antitac are recommended to improve dry crocking and wet crocking performance upon required. All M7000 System can be use right out of its can and recommended for underbase for printing on dark, Rubberize M7120 Opaque Base are used for color matching and Rubberize M7100 Clear are used for color tinting. Cassee Pigment is recommended to obtain optimum color vibrancy.

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 90 metric counts. Finer mesh is for detail and normally will be chosen as the last screen color.

Minimum screen tension recommended should be above 20 Newton.

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 M7000 System are air-dry with 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.

