

® CSC SCREEN PROCESS SUPPLIES SDN. BHD.

No. 14, Jalan Bertam 5, Taman Daya, 81100 Johor Bahru, Johor, Malaysia ¹⁹⁹⁷⁰¹⁰¹⁶⁴⁸⁷
Tel : (+60)7-352 5908, (+60)7-355 2908 Fax : (+60)7-355 5908 (431984-A)
Email : sales@cscscreen.com Website: www.cscscreen.com

TECHNICAL DATA SHEET

RUBBERIZE M5000 SERIES

GENERAL INFORMATION

With our advance edible oleo-polymerization technology in supporting green, CSC are proudly introducing our 2013 Rubberize M5000, rubberize series ink system.

Rubberize M5000 System consists of Rubberize M5280 White, Rubberize M5100 Clear and Rubberize M5120 Opaque Base.

Rubberize M5000 System gives excellent color vibrant with excellent hand feel, with excellent washing fastness, good crocking fastness, excellent opacity, excellent printability, tack free, and most of all, it will be able to meet all the requirement in our E1 compliant listing.

Rubberize M5000 System is air dry and self-crosslink which consume very lower energy to complete its thermosetting process.

Rubberize M5000 are having thixotropic viscosity with are viscous under static conditions and will flow (become thin, less viscous) over time when shaken, agitated.

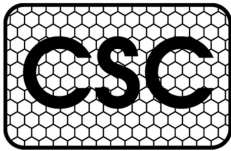
TYPE OF FABRICS

Rubberize M5000 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 M5000 System paste to the desire color shade (0% to 10%) and mix well. Small dosages of thickener are added if higher viscosity is required. (0.2% to 0.5%). Add half percent of CBA NF to enhance the washing and crocking performance if concentrated Pigment was added above recommended dosage. All Rubberize M5000 System can be use right out of its can and recommended for underbase for printing on dark, Rubberize M5120 Opaque Base are used for color matching and Rubberize M5100 Clear are used for color tinting.



®CSC SCREEN PROCESS SUPPLIES SDN. BHD.

No. 14, Jalan Bertam 5, Taman Daya, 81100 Johor Bahru, Johor, Malaysia ¹⁹⁹⁷⁰¹⁰¹⁶⁴⁸⁷
Tel : (+60)7-352 5908, (+60)7-355 2908 Fax : (+60)7-355 5908 (431984-A)
Email : sales@cscscreen.com Website: www.cscscreen.com

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 16 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 20 Newton. Low screen tension will result smearing and a low detail image.

SQUEEGEE AND TABLE

Squeegee hardness recommended for printing Rubberize M5000 System ink are within 45 to 65 durometer hardness, double hardness squeegee recommended (45/90/55).

Soft pellets or soft printable top (Sponge fabric laminated) are recommended to enhance opacity which due to higher ink deposit.

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 M5000 System can air dry and self-crosslinking, 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: 19/11/13/2Dv/1edt