

# ®CSC SCREEN PROCESS SUPPLIES SDN. BHD.

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## TECHNICAL DATA SHEET

# RUBBERIZE M5000 SERIES (MIRROR SILVER, GOLD, GOLD PLUS)

### GENERAL INFORMATION

Rubber M5000 Mirror Silver, Gold and Gold Plus are non PVC, non-phthalate and formaldehyde free water base products, design to meet all the requirement in our E1 compliant listing.

Rubber M5000 Mirror Gold and Mirror Silver give excellent metallic gold and silver color vibrancy with excellent finish with soft hand feel, good washing and crocking fastness. Both are lower to medium range of solid content with excellent printability and tack free.

Rubber M5000 Mirror Gold Plus is an advance grade of metallic gold which is not only poses the same properties as Rubber Mirror Gold but it also has higher strength in opacity, color brilliancy and color fastness properties.

### TYPE OF FABRICS

Cotton, Blends Cotton Polyester, Polyester, Rayon and a wide variety of nature fabric.

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

### APPLICATION METHOD

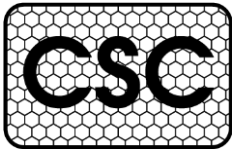
Rubber M5000 Mirror Silver, Gold and Gold Plus can be used direct out of its can. Add in small dosages of thickener (0.2% to 0.5%) if higher viscosity is required. Add 2-5% of CBA NF to enhance the washing and crocking performance if the product is applied on sensitive fabrics.

### 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. Avoid using screen hardener or enhancer, as this product will also react with the resin in the ink system and speed up the filming process.

Mesh recommended range from 32T to 43T metric counts.

Minimum screen tension recommended should be above 20 Newton. Low screen tension will result smearing and a low detail image.



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## **SQUEEGEE AND TABLE**

Squeegee hardness recommended for printing Rubberize M5000 Mirror Series 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**

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**

For maximum fastness, prints are to be cured at 150°C or 302°F with force air of 1800cfm/50cmm for approximately 60 seconds.