



CSC Screen Process Supplies Sdn. Bhd.

431984-A

PRODUCT INFORMATION

READY FOR USED PLUS WATERBASE INK SYSTEM (RFU P200/ RFU NF)

GENERAL INFORMATION

CSC, RFU P200 NF System is a formaldehyde free excellent soft hand pigment printing system used to print bright colors, fine resolution details and on light or white fabric. RFU P200 NF is an upgrade version of RFU P200 which CSC had take extra mileage in R&D in improving the open screen time of the printing ink system, lowering the hand feel as well as improve the wet and dry crocking performance which existing to be known as excellent bench mark in the industry.

TYPE OF FABRIC

Cotton, Blends Cotton Polyester, Blend Rayon Polyester, Rayon, Denim, Polyester, Silk, Wool and Linen fabric.

APPLICATION METHOD

Add in pigment concentrated to RFU P200 NF to your desire color shade (0% to 5%) and mix well. You may add Clear Conc. the desire viscosity if the viscosity drops after adding Pigment Concentrated. If the humidity and the weather are low and hot add Lubricant MEG to maintain the wetting of the print system. On critical fabric add 0.5 to 1% of CBA NF to enhance the washing and crocking performance. You may use RFU P200 NF with Genesis System, Permaset System and Hifast E system upon requirement.

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 41 to 120 metric counts. Finer mesh is for detail and normally will be chosen as the last screen color.

Screen tension that required for manual printing on a manual machine should not be lesser than 25 Newton. As for automatic machine always use no lesser than 30 Newton. Low Screen tension will result smearing and low detail print.

SQUEEGEE AND TABLE

Squeegee hardness recommended for wet on wet printing should not be more than 65 shore and not less than 50 shore. A double hardness squeegee will be good, e.g. 90/55.

Soft pellets are recommended, silicone pads are to be used to accomplish the soft table effect on an automatic machine pellet.

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. 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

RFU P200 NF is air dry and for good fastness properties cures print at 150°C/302°F for 2 minutes at 1500 cfm/42 cmm of heat airflow. Add additional 0.5 to 1% by weight of CBA NF is recommended to improve rubbing and washing properties of the print.

PACKING AND STORAGE

RFU P200 NF are pack in 20 liters packing, 200 liters drum as well as 1000kg totes.

Always store ink under shade at below 35°C /95°F. This product should not be prolonging to exposure to frost or below 0°C /32°F.



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HANDLING, TOXICITY & HAZARD

RFU P200 NF is total green with meets E1 standard on all RSL regulatory. RFU P200 NF is non-volatile (waterbase). RFU P200 NF is made using renewable power (Power by Solar) and from material that is non-carcinogenic and non-environmental hazard.

OTHERS IMPORTANT TIPS.

We suggest to always flooding screen with ink when completed every printing stroke to prevent ink from drying on screen.

Flash curing temperature required is 220°C/428°F for 3 to 5 seconds.

To achieve excellent fastness we recommend to adding Catalyst Binding Agent (CBA NF) up to a maximum of 0.5 % by weight.

If dryer are not available, add Cold Cure Catalyst AS100 up to a maximum of 0.3 % by weight. (Adding AS100 will increase the hand feel of your print.)

Info: 11.13.2014.