CSC Screen Process Supplies Sdn. Bhd.

431984-A

XILICONE SERIES

GENERAL INFORMATION

In line with our company's vision for making a better place for mankind to live in, CSC Screen Process Supplies Sdn Bhd has developed a completely new series of environmental friendly ink that is non toxic, chlorinated free, surgical grade and user friendly.

The new inks are called Xilicone. CSC Xilicone System is a two-component silicone paste rubber. These systems consist of a Xilicone Trans Clear, Xilicone Suede Base, Xilicone Trans White, Xilicone Suede White and its Xilicone Catalyst and it is used in a ratio of 1:1.

Xilicone color pigments consist of 13 high concentrated color pigment and 8 florescent pigmented color pastes. CSC Xilicone is commonly being used as an alternative for PVC free High density ink, Flocking adhesive, Foil Adhesive, Heat resist ink, medical and surgical ink.

KEY FEATURES

Good printability viscosity, can be pigmented easily, heat accelerated cure, easy to use, curing speed can be controlled.

TYPE OF FABRICS

Almost all Natural and Syntactic fiber textile materials

APPLICATION METHOD

Always mix Xilicone with Xilicone Catalyst in the ratio of 1:1 prior to mixing the required colors. Add Xilicone Concentrated Pigment up to a maximum of 5.0% to achieve your desired color. Use the same ratio suggested for Xilicone White as well as Xilicone Suede.

Xilicone Suede and Suede White are used to achieve suede matte effect for high density Xilicone printing as Xilicone Suede ink are low fusing silicone ink.

TYPE OF STENCIL & MESH

"S" grade of mono-filament mesh are recommended for Xilicone printing.

41 to 54S mono-filament for high density and opacity.

SQUEEGEES AND PRINTING TABLE

For optimum high density print effect, 55/90/65 sore triplet hardness squeegee is recommended. Soft tables are most suitable. To achieve good result for printing halftones, medium hardness silicone laminated table are recommended.

INTERMEDIATE FLASHING AND DRYING

Xilicone can be easily flash dried at 100ºC-120ºC prior to printing the subsequent color. For complete polymerization prints are to be cured at 100ºC-120ºC or 210-250^{o}F for 1.5 minutes with recommended Air flow at 1500 cfm air.

Xilicone will be able to achieve optimum curing on prolonged air exposure once the optimum curing temperature has been kick started.

OTHERS IMPORTANT TIPS

Never use ink that had been mix with catalyst that had been kept for more than 12 hours. **Always remember the optimum ratio mixture for Xilicone are 1 parts base to 1 parts catalyst with maximum of 0.05 parts of pigments.**

Store ink away from heat and light sauce.

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