



XILICONE GL SYSTEM

GENERAL INFORMATION

With CSC innovation in fashion, for safety and save environment care, CSC proudly introducing our Xilicone GL series silicone multi-color glow in the dark ink system.

CSC Xilicone GL System is a two-component glow in the dark silicone paste rubber. These systems consist of a Xilicone GL Red, Xilicone GL Orange, Xilicone GL Yellow, Xilicone GL Green, Xilicone GL Pink, Xilicone GL Blue, Xilicone GL Magenta, Xilicone GL White and its Catalyst which it is used at a ratio of 1:1.

KEY FEATURES

Good printability viscosity, easily thick screen building, heat accelerated cure, easy to use, curing speed can be controlled and low air bubble.

TYPE OF FABRICS

Almost all Natural and Syntactic fiber textile materials

APPLICATION METHOD

Always mix Xilicone GL with Xilicone GL Catalyst at the ratio of 1:1.

Minimum glow color desire can only achieve for minimum film thickness of 300µm thickness, anything below that will glow pastel yellowish in dark.

Always under print Xilicone Suede White as your first down, Xilicone Suede are good reflector for Xilicone GL.

TYPE OF STENCIL & MESH

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

41S to 54S (100S~130S) mono-filament for high density and opaque base print.

SQUEEGEES AND PRINTING TABLE.

For optimum high density print effect, 55/90/65 sore triplet hardness squeegee is recommended. Soft tables are most suitable.

INTERMEDIATE FLASHING AND DRYING

Xilicone can be easily flash dry at 100°C/212°F prior printing the subsequent color. For complete polymerization prints are to be cure at 120°C/248°F for 1.5 minutes with Air flow recommended are 55cm or 2000 cfm air.

Xilicone GL will be able to achieve optimum curing on prolong air exposure once it optimum curing temperature had been kick started.

OTHERS IMPORTANT TIPS

Never use ink that had been mix with catalyst that had been kept for more than 8 hours. **Always remember the optimum ratio mixture for Xilicone GL are 1 parts base to 1 parts catalyst with maximum of 0.05 part of pigments.**

Store ink away from heat and light sauce.

Info: 11.10.14