



JUV-51C UV CRYSTAL VARNISH

SUBSTRATES: General paper, PVC, PC, wood and some filmed paper and phosphide.

END USES: Packaging of wine and cigarette, calendar, publishing material, mat and stationery.

PRODUCT INFORMATION

Bright transparent varnish, smooth, flexible, have good relief effect. For sparkling effect, add glitter flake of laser materials.

Items Description	Glossiness	Water resistance	Alkali resistance	Solvent resistance	Flexibility	Adhesion
UV-crystal varnish	95-97	Grade 5	Grade 5	Grade 5	Good	Good

TECHNICAL PARAMETER

Items Description	Appearance	Viscosity/25°C	Solidification Speed	Solidification Power	Resin
UV-Crystal varnish	Transparent or yellowish liquid	28-32p	15-25m/min	≥90mj/cm ²	≥99%

APPLICATION INFORMATION

MESH: Monofilament mesh, use 16-32T mesh when print with glitter flake, for varnish only, use 100-140T mesh.

Printing: Can be printed through a variety of solvent resistant stencils, such as Diazol (S42), Polyzol direct DE422 and Diazol Universal PU220.

SQUEEGEE

70-75 durometer solvent resistance blade, such as PU

COVERAGE: Change with different mesh.

CURE: By Ultra Violet curing machine, use 2 high/medium voltage mercury-vapor lamp at least 5KW to ensure sufficient UV power for curing.

ADDITIVES: Use JUVT-01, JUVT-02 thinner, JUVB-bubble remover (0.5-1.5%).

NOTE

- 1 Please note that the flexibility of the varnish will be affected by using 16-32T mesh to ensure the glitter flake getting across.
- 2 When printing only with crystal varnish, printing effect will be affected by cleanness and treatment of the substrate surface. If the tensility of the surface is too low or with dust on, there may have the phenomena of bubble, shadow and decrease of adhesion. To solve the problem clean the printing surface or add 0.5-1.5% bubble remover.
- 3 To meet requirements of clients, the factory can offer specific mode varnish.

Test before printing.