



JUV-120 GLOSS UV VARNISH

SUBSTRATES: Paper covered with PET/BOPP film, rigid PVC, ABS, PP.

END USES: General merchandise and publishing materials, such as food packaging, cosmetic, posters etc.

PRODUCT INFORMATION: Have good adhesion, flexibility, glossiness and flow capability to most of the matt paper and some of the gloss paper.

Items Description	glossiness	Yellow changing resistance	Water resistance	Alkali resistance	Solvent resistance	flexibility	adhesion
UV- varnish	87-89	adjustable	Grade 5	Grade 4	Grade 3	Excellent	Acceptable

TECHNICAL PARAMETER

Description Items	Appearance	Viscosity/25°C	Solidification Speed	Solidification Power	Resin
UV-varnish	Milky liquid	3"40-4"20	15-25m/min	≥120mj/cm ²	≥98%

APPLICATION INFORMATION

MESH: Monofilament mesh, 120-152T, tensility 13-15 N/cm²

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

SQUEEGEE: 65-75 durometer solvent resistance blade, such as PU

COVERAGE: Approx. 35-40m²/kg under 140T mesh

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ADDITIVES: Use JUVT-01 thinner to reduce viscosity of the varnish, UV cure promoter to improve cure speed.

CLEAN UP: Use organic solvent to clean the stencil, do not print until it is totally volatilized.

NOTE

1 As the UV-Matte varnish has excellent flexibility, it may cause the phenomena of sticky and bad flow ability. To solve the problem, printer should churn up the varnish even and ensure good ventilation for the curing machine, take note to reduce the temperature of the paper, avoid stacking together to cause conglutination. Recommend to refrigerate by fan and place separately.

2 Take note of protection as some component of the varnish may be harmful to our skin. For skin contact, wash thoroughly with soap and water. For aye contact, flush thoroughly with water and then send to hospital. Change the cloth if it is adhered with varnish.

3 Cleanness and treatment on the surface of the substrate is important factors to adhesion, it has good adhesion to substrates when the surface tensility is over 38 dyne, make sure the tensility meets the printing requirement before usage.

Test before printing.

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