



JUV- 300 UVH- GLOSS VARNISH for coated paper & PP, PVC ABS...

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	glossiness	Yellow changing resistance	Water resistance	Alkali resistance	Solvent resistance	flexibility	adhesion
Description							
JUV- 300 gloss varnish	87-89	adjustable	Grade 5	Grade 4	Grade 3	Excellent	Acceptable

TECHNICAL PARAMETER:

Items	Appearance	Viscosity/25°C	Solidification Speed	Solidification Power	Resin
Description					
JUV- 300 gloss 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

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

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

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

ADDITIVES: Use JUVT-01 thinner to reduce viscosity of the varnish, JUV 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 JUV-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 eye contact, flush thoroughly with water and then send to hospital. Change the cloth if it is adhered with varnish.

3 Cleaness 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.