



JUV-31R REFRACTIVE VARNISH

SUBSTRATES Golden and silver card paper, laser card paper, PVC sheets etc.

END USES Packaging of wine and cigarette, calendar and cosmetic box etc.

PRODUCT INFORMATION

Have strong refractive effect with different stripe on golden or silver card paper, the refractive surface change with different angles.

Items Description	Glossiness	Water resistance	Alkali resistance	Solvent resistance	Flexibility	Adhesion
JUV-31R Refractive varnish	Change with substrates	Grade 5	Grade 4	Grade 3	Good	Good

TECHNICAL PARAMETER

Items Description	Appearance	Viscosity/25°C	Solidification Speed	Solidification Power	Resin
JUV-31R Refractive varnish	transparent liquid	250-300p	20-30m/min	≥50mj/cm ²	≥99%

APPLICATION INFORMATION

MESH: Monofilament mesh, 140-168T, made by refractive film.

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

SQUEEGEE: 75 durometer solvent resistance blade, such as PU

COVERAGE: Approx. 40m²/kg under 168T 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, 02 thinner

NOTE

- 1 The production of film and mesh play an important role in printing refractive varnish. The fineness and glossiness of the presswork are determined by the quality of the mesh and substrate glossiness.
- 2 For fine printing line, pay more attention to adjust the viscosity and printing methods.
- 3 It is recommended to keep air pressure under 7-8kgf/cm, 0.68-0.78mpa. Reduce printing round will be helpful to improve printing quality.