



Silk Screen Printing Supply Products Information

JUS-UV Silk Screen Ink 1/2

JUS SERIES INK FOR PLASTIC, HAS EXCELLENT ADHESION & ANTI-SCRATCH..)

SUBSTRATES

PVC, PET, ABS, BOPP, PS and treated PP, PE.

END USES

PP mat, PP lamp-chimney, handbag, PVC and PC poster, PET and PP bottle, etc.

PRODUCT INFORMATION

High gloss, anti-abrusion and solvent resistance, fast solidification and good adhesion to non-absorb substrates.

Items	Glossiness	Water resistance	Acid resistance	Alkali resistance	Alcohol resistance	Anti-abrusion	Adhesion	Salt fog test
Description								
JUS - series ink for plastic	75-85	Grade 5	Grade 5	Grade 5	Grade 5	Good	Excellent	passed

TECHNICAL PARAMETER

Items	Appearance	Viscosity/25°C	Solidification Speed	Solidification Power	Resin
Description					
JUS - series ink for plastic	Refer to color sample	50-120p	15-25m/min	≥120mj/cm ²	≥99%

APPLICATION INFORMATION

MESH

Monofilament mesh, black: over 152T, other colors: over140T. tensility 13-15 N/cm², avoid using too thick emulsion resulting in bad adhesion and curing capability.

SQUEEGEE

70-75 durometer solvent resistance flat blade. For flex screen printing, use 70-75 durometer solvent resistance flat or acute blade

COVERAGE

Color inks: 32-35m²/kg, white: 30-32m²/kg, under 140T mesh.

Printing

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

CURE

By Ultra Violet curing machine, use 2 high/medium voltage mercury-vapor lamp at least 5KW for plastic sheet, 100w/cm-120w/cm high/medium voltage mercury-vapor lamp for flex screen printing.

ADDITIVES

Use UVUT-01 thinner.

CLEAN UP

Use organic solvent to clean the stencil.

NOTE

1 This series of ink is suitable for plastic sheet and bottle printing, pre-testing is required for the different requirements of adhesion, water resistance, solvent resistance, cold resistance and hot resistance.

2 The chroma of the ink, solification ability, and production of mesh, voltage of curing machine and color priority of printing are important factors in determining printing effect when this series of ink is applied to flex screen printing. Please note to pretest before printing.