

Recommendations	
Product Overview	
Product Code	ES3101
Industry	Inks
Application	Screen Printing
Category	Specialty Inks
Chemistry	Plastisol
Substrate(s)	Cotton
Best Used By	12 months
Certification(s)	ISO9001
Curing:	
Fusion Temperature	320 °F
Gel Point	160 °F
Performance:	
Viscosity	Medium
Coverage	Medium Opacity
After Flash Tack	Medium
Squeegee:	
Squeegee Profile	Square
Squeegee Type	Polyurethane
Squeegee Speed	Medium/High
Screen:	
Mesh	86 to 156
Underlay	NPT Whites
Emulsion Type	Capillary film, Direct
Cleanup	Bio-degradable screen wash
Storage:	
Storage Temperature	65°F - 95°F (18°C - 35°C)
Storage Notes	Avoid direct sun.

Last Change: Nov 2016

NPT LITE GREEN LUMINESCENCE

ES3101 NPT Luminescent Base is formulated as a press-ready plastisol for printing on 100% Cotton. It gives a glow in the dark effect when applied to textiles. It glows a pale yellow/green. Short body and very low wet tack for easy printing. Fast shearing action means higher press speeds. Can be tinted with up to 5% C3 Fluorescent Color Boosters to make Glow in Dark Colors.

Features

- Non-Phthalate formulation to comply with new regulations restricting phthalates.
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Instructions

ES3101 requires stirring before printing. Print directly onto substrates or over a white underlay. ND3101 is normally printed through mesh ranges from 86-156 mc in (34-62 mc cm) The Glow last 20 to 30 minutes and recharges instantly when exposed to a light source.

Recommendation

Do not dry clean, bleach, or iron the printed image. Note: This is not a low bleed ink. Do not print on polyester fabrics. Clair Colors™, bases, modifiers and additives should be mixed in clean vessels using clean mixer blades and utensils. Any contamination from other ink sources or non approved additives could make Clair Colors™ test positive for the restricted phthalates.

Statement

Rutland Plastic Technologies does not knowingly add plasticizers containing the phthalates listed and outlined in California Bill 1108, CPSIA HR-4040 and Oeko-tex Standard 100. The plasticizers identified may include di-(2-ethylhexyl) phthalate (DEHP), dibutyl phthalate (DBP), benzyl butyl phthalate (BBP), diisononyl phthalate (DINP), diisodecyl phthalate (DIDP), di-n-octyl phthalate (DnOP), (DIBP) Di-iso-butyl, and (DMP) Dimethylphthalate, including esters of ortho-phthalic acid and are not direct ingredients in the manufacture of Clair High Opacity Non-Phthalate Inks. Rutland Plastic Technologies does not test the final product for amounts of the aforementioned phthalate plasticizers and esters and encourages all users to conduct testing for their intended use.

Disclaimer:

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