PRODUCT INFORMATION BULLETIN

ES3101 NPT LITE GREEN LUMINESCENCE

Rutland™

ES3101 NPT Luminescent Base is formulated as a press-ready plastisol for printing on 100% Cotton. Luminescent Base gives a pale yellow/ green glow in the dark effect when printed to textiles.

Highlights

- 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.

Printing Tips

- 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.

Compliance

- Internationally compliant
- Non-phthalate
- https://www.avientspecialtyinks.com/services/compliance-support

Precautions

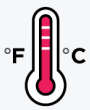
- The information above is given in good faith and does not release you from testing inks and fabrics to confirm suitability of substrate and application process to meet your customer standards and specifications.

Recommended Parameters



Fabric Types

Cotton and Poly Blends.



Flash & Cure

Flash: 140-150°F on pre-heated pallets
Cure: 320°F



Clean Up

Unused ink will need to be disposed of responsibly. Standard plastisol cleaners, press wash, or ink degradant



Mesh

Counts: 86-156
Tension: 25n/cm3



Pigment Loading

C3 Color boosters



Health & Safety

Find SDS information here: www.avient.com/resources/safety-data-sheets or contact your local CSR



Squeegee

70, 70/90/70 60/90/60
Profile: Square
Stroke: 1+
Angle: 15-20%



Additives

N/A



Stencil

Standard Emulsion
Off Contact: 1/16" (2mm) or greater
Emulsion Over Mesh: 15-20%



Storage

65 -95 °F (18 -35 °C) Avoid direct sunlight

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