



Recommendations	
<b>Product Overview</b>	
Product Code	EL4611
Industry	Inks
Application	Screen Printing
Category	Stock Colors
Chemistry	Plastisol
Substrate(s)	Blends, Cotton
Best Used By	12 months
<b>Curing:</b>	
Fusion Temperature	320 °F
<b>Performance:</b>	
Viscosity	High
Coverage	High Opacity
After Flash Tack	Low
<b>Squeegee:</b>	
Squeegee Profile	Square
Squeegee Type	Polyurethane
<b>Screen:</b>	
Emulsion Type	Capillary film, Direct
Cleanup	Bio-degradable screen wash
<b>Additives:</b>	
Extender	Not recommended
Thickener	M00010 Thickener #10
<b>Storage:</b>	
Storage Temperature	65°F - 95°F (18°C - 35°C)

Last Change: Sep 2017

## EL-Series

Ready for use low bleed inks

### Features

- EL HO LB RFU inks are formulated as a press-ready plastisol for printing on polyester and polyester/cotton blends. They will provide good bleed resistance and brilliant colors when printed in the lower mesh range and used over a LB White underlay. We suggest using EL9746 NPT Super Poly White for Polyester fabrics and EL9074 NPT LB White for poly/cotton blends.
- Creamy and very low wet tack for easy printing.
- Ready for use, just stir and print.
- Great for hand presses or automatic printing machines.
- Easy to use, maintains print viscosity without thinning during print run.
- Formulated to be opaque for direct printing on both lights or darks.
- Competitive with lower opacity products currently sold in the print market.

### Instructions

Print NPT HO LB inks onto polyester or polyester/cotton blends over an NPT underlay white for brilliant colors. Caution! Extremely bad bleeding polyester may require an under base of EL9746 Super Poly White or ES0266 Barrier Base for maximum bleed blocking. EL NPT HO LB ink is normally printed through mesh ranges from 86 to 200 mc.in. (34 to 78 mc. CM.) Recommend 70-80 Durometer squeegee with sharp edge for maximum definition. Proper cure is achieved when garment reaches 320°F (160°C.).

EL NPT RFU INKS ARE NOT DESIGNED FOR WET ON WET PRINTING. YOU SHOULD FLASH BETWEEN EACH COLOR.

### Recommendation

Poorly dyed polyester or too much heat in the curing process can overcome any low bleed inks ability to block the migration. For severe migration use ES0266 Barrier Base as an underlay. \*Note to 100% Cotton users: 100% Cotton could have a ghost image appear if printed with low bleed inks. EL NPT HO LB inks are low bleed inks and should not be printed on 100% Cotton. These products are recommended for polyester and polyester/cotton blends.

### 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 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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