

## Recommendations

### Product Overview

Product Code	EL9074
Industry	Inks
Application	Screen Printing
Category	White Inks
Chemistry	Plastisol
Substrate(s)	Blends, Cotton
Best Used By	12 months
Certification(s)	ISO9001

### Curing:

Fusion Temperature	320 °F
Gel Point	160 °F

### Performance:

Viscosity	High
Coverage	High Opacity
Printability	Great
After Flash Tack	Low
Bleed Resistance	Good for Poly/Cotton Blends

### Squeegee:

Squeegee Profile	Square
Squeegee Type	Polyurethane
Squeegee Speed	Medium/High

### Screen:

Mesh	86 to 230
Underlay	EL0266 Barrier Base (Grey)
Emulsion Type	Capillary film, Direct
Cleanup	Non-Phthalate screen wash

### Storage:

Storage Temperature	65°F - 95°F (18°C - 35°C)
Storage Notes	Avoid direct sun.

Last Change: Feb 2017

## NPT HO LOW BLEED WHITE

EL9074 NPT HO LB White is formulated as a press-ready non-phthalate low bleed plastisol white for printing on Cotton (pre-test potential to Ghost) and Poly/Cotton blends. NPT HO LB White has good dye migration resistance. For severe bleeding fabrics we suggest ES0266 Barrier Base (Grey) or EL9746 NPT Super Poly White as an under base for maximum protection against dye migration.

### Features

- Short body for easy printing.
- Fast shearing action means higher press speeds.
- Good low bleed for printing on Cotton and Poly/Cotton Blends
- Multipurpose low bleed White
- Matte Finish.

### Instructions

Print directly onto Poly/Cotton substrates. NPT HO LB White is normally printed through mesh ranges from 86-230 mc in. (34-90 mc. CM.) Recommend 70-80 Durometer squeegee with sharp edge for maximum definition. Proper cure is achieved when garment reaches 320°F (160°C.). NOTE: 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.

### Recommendation

Do not dry clean, bleach, or iron the printed image.

There may be potential to ghost on some fabrics due to the dyes used. Thoroughly pre-test this product on light colored or stone washed garments. Avoid conditions that may increase potential to ghost such as stacking printed garments while hot. Due to variations in garments and dyes used, always test for your use conditions.

### 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-isobutyl, and (DMP) Dimethylphthalate, including esters of ortho-phthalic acid and are not direct ingredients in the manufacture of Clairra 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:

Not all Rutland products are available in every country. Please check with your local representative for availability. The data presented in this leaflet are in accordance with the present state of our knowledge, but do not absolve the user from carefully checking all supplies immediately on receipt. We reserve the right to alter product constants within the scope of technical progress or new developments. The recommendations made in this leaflet should be checked by preliminary trials because of conditions during processing over which we have no control. Recommendations for use do not constitute a warranty, either express or implied, of the fitness or suitability of the products for a particular purpose.