

Recommendations	
Product Overview	
Product Code	EL9330
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	325 °F
Gel Point	155 °F
Performance:	
Viscosity	Medium
Coverage	High Opacity
After Flash Tack	Medium
Squeegee:	
Squeegee Profile	Square
Squeegee Type	Polyurethane
Squeegee Speed	Medium/High
Screen:	
Mesh	83-160 mc in (32-62 mc cm)
Underlay	Depending on the fabric
Emulsion Type	Capillary thick film
Cleanup	Non-hazardous screen wash
Storage:	
Storage Temperature	65°F - 95°F (18°C - 35°C)
Storage Notes	Avoid direct sun.

Last Change: Feb 2017

NPT FF LB TIDY WHITE

NPT FF LB Tidy White exhibits a brilliant whiteness, has a soft, creamy consistency that is very easy to print, but also has a very high opacity. It is excellent for printing on most substrates, such as 50/50 cotton polyester blend, 100% cotton and fleece fabrics. The product has good flash time and that incredible "whiteness".

Features

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Instructions

Screen meshes in the range of 83-160 MCI (32-62 MC cm) are recommended for best opacity. NPT FF LB Tidy White will print through up to a 305 MCI (120 MC cm) with excellent opacity. Use just enough squeegee pressure to deposit the ink on the surface of the shirt. Try not to drive the ink into the fabric. Squeegees in the 70 durometer range with a sharp edge, work well.

Substrates: NPT FF LB Tidy White is designed to provide maximum opacity on dark fabrics, 100% cotton or cotton/poly blends.

Note: NPT FF LB Tidy White should be tested on the production fabric to insure bleed resistance prior to printing production runs.

Modifiers: NPT FF LB Tidy White is a ready-to-print ink. Modification is not necessary unless you're trying to achieve a special effect or use. Any extenders will affect opacity.

NPT FF LB Tidy White has excellent shelf life and, with cool storage, will maintain its creamy consistency.

Flashing: Depending on your flash unit, NPT FF LB Tidy White will flash in 3 seconds depending on the power and type of flash cure unit used.

Curing: Cure at 325°F (162°C) over a 60-90 second period, depending on oven type and thickness of ink deposit. A thicker deposit will take longer to cure as the heat must penetrate through the entire ink layer.

Recommendation

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

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.

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