Claira™ Street Fighter White

EL9073 NPT SF LB White

Technical Data Sheet #350 06/28/2010	
Wet Ink Tack	Low
After Flash Tack	Low
Printability	Excellent for fast production
Surface Appearance	Satin finish
Opacity/Viscosity	High/High
Bleed Resistance	Good
Gel Point/Flash Time	150° F (67° C)
Fusion Temperature	320°F (160° C)
Squeegee Hardness	70-80 durometer
Squeegee Blade	**Sharp**
Squeegee Angle	**45° to screen mesh**
Underlay	**N/A**
Emulsion	**Capillary Film or Liquid Emulsion**
Mesh Count	86 to 230 mc in (34 to 90 mc cm)
Extender	**N/A**
Thickener	**N/A**
Storage	**65°F to 95°F (18° C to 35° C) Avoid direct sun**
Cleanup	**Bio-degradable screen wash**
MSDS	**#38**
Color Range	**EL9073 NPT SF LB White**
Substrate Type	**Polyester/Cotton Blend**
Substrate Color(s)	**Light, Medium & Dark Colors**

Description

EL9073 NPT SF LB White is opaque resulting in excellent coverage on dark garments. The low tack formula allows printing through finer mesh counts without the need for a viscosity modifier. Use as an underlay where great opacity is needed or as a stand-alone white. Has good low bleed characteristics for printing on polyester/cotton blends.

Features

- High performance white for polyester/cotton blends.
- Creamy, short body plastisol for easy printing.
- Low tack formula for fast shear action.
- User friendly, no viscosity modifiers necessary.
- Formulated with Rutland's NPT technology to be non-phthalate
- Great opacity with quick flash.
- Low hot tack does not need a cool down station.
- Great value in this low bleed white

Application

Print NPT SF Low Bleed White straight from the container. NPT SF Low Bleed White is user friendly and may be printed through mesh ranging from 86 to 230 mc in (34 to 90 mc cm) without modification of the viscosity. The tack free formulation allows increased coverage; therefore use finer mesh counts for the softest hand and good opacity.

***Note to 100% Cotton users:** 100% Cotton could have a ghost image appear if printed with low bleed inks. NPT SF Low Bleed White is a low bleed ink and should not be printed on 100% Cotton. NPT SF Low Bleed White is recommended for polyester/cotton blends.

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.

Special Recommendations

Claira Colors™, Whites 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 Claira Colors™ test positive for the restricted phthalates.

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

Rutland Plastic Technologies does not knowingly add plasticizers containing the phthalates listed and outlined in California Bill 1108, CPSC 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 Claira™ NPT SF LB White nor any of the Claira Specialty 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.