



Technical Data Sheet #369

04/04/2012

Wet Ink Tack	Low
After Flash Tack	Decreases with increase mesh
Printability	Excellent, for fast production
Surface Appearance	Thick ink film = Satin
Opacity/Viscosity	High/High
Bleed Resistance	Excellent
Gel Point/Flash Time	165°F (71° C.)
Fusion Temperature	320°F (160°C.)
Squeegee Hardness	70-80 durometer
Squeegee Blade	Sharp
Squeegee Angle	45° to screen mesh
Squeegee Speed	Medium to High
Underlay	N/A
Emulsion	Direct, Indirect, Capillary film
Mesh Count	86 to 230 mc in (34 to 90 mc cm)
Extender	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	EL9051 NPT Dyno White
Substrate Type	Polyester, Polyester Cotton Blends
Substrate Color(s)	Light, Medium, and Dark

Claira NPT LB White Ink

EL9051 NPT Dyno White

Description

EL9051 NPT Dyno White is opaque resulting in excellent coverage on dark garments. The low tack formula allows printing through finer mesh counts without the need for viscosity modifier. Use as a underlay where good opacity and low bleed qualities are important

Features

- Economical, high performance white for 100% Polyester.
- Creamy, short body plastisol for easy printing.
- Low tack formulation for fast shearing action.
- User friendly, no viscosity modifications necessary.
- Excellent low bleed properties.
- Non-Phthalate and complies with RSL and CPSC restrictions
- Also prints on poly/cotton blends.

Application

- Print Dyno White straight from the container. Dyno White is user friendly and may be printed through 86 to 230 mc in (34 to 90 mc cm) mesh range without modifying the viscosity. The tack free formulation allows increased coverage. Therefore, finer mesh may be used for the softest hand with good opacity.

Recommended Printing Techniques

- Load ink into mesh opening with hard, sharp squeegees.
- Only the image area should be filled with ink.
- Transfer ink to the fabric surface with a light squeegee pass.

Special Recommendations

- Plastisols are THERMOPLASTIC requiring heat for proper curing.
- Wash for a minimum of 5 wash/dry cycles to test for cure.
- Stir plastisols prior to printing. Do not dry clean. Do not use bleach.
- Do not iron printed image area

** Pastel shades of Cotton have been known to ghost when printed with low bleed inks. Our testing shows EL9051 Dyno White will not ghost on test fabrics obtained from the market place. If you have any doubts as to the probability of your particular fabric ghosting, call our Technical Service Department at 800-438-5134, ext. 151 for our ghost test procedure.