

Recommendations	
Product Overview	
Product Code	ES0031
Industry	Inks
Application	Screen Printing
Category	Specialty Inks
Chemistry	Plastisol
Substrate(s)	Cotton
Best Used By	12 months
Certification(s)	ISO9001
Curing:	
Fusion Temperature	320 °F
Performance:	
Viscosity	Medium
Coverage	Medium Opacity
After Flash Tack	Slight
Squeegee:	
Squeegee Profile	Square
Squeegee Type	Polyurethane
Squeegee Speed	High
Screen:	
Mesh	86
Screen Tension	As recommended for mesh
Flood Stroke	Load ink into mesh opening
Underlay	ES9003 NPT SpandeSol White
Emulsion Type	Capillary film, Direct, Indirect
Cleanup	Bio-degradable screen wash
Additives:	
Extender	Not recommended
Thickener	M00010 Thickener #10
Storage:	
Storage Temperature	65°F - 95°F (18°C - 35°C)
Storage Notes	Avoid direct sun.

Last Change: Nov 2016

NPT SPAND-E-SOL STRETCH CLEAR

ES NPT Spandesol inks can be printed on Lycra Spandex (Nylon Lycra) to provide good stretch and softness to the design. Colors can be created by mixing C3 Color Boosters into ES0031 NPT Clear using the C3 recipes in the M2007 Ink Mixing Software. ES NPT Spandesol is a press-ready plastisol designed for printing on nylon lycra fabrics. Formulated to have good adhesion properties in addition to increased elongation. Add NPT Spandesol Clear as a stretch additive to improve stretch of other NPT plastisol inks

Features

- Non-Phthalate formulation to comply with new regulations restricting phthalates.
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Instructions

Print NPT Spandesol colors through 86 mc in (34 mc cm). Insure that a sufficient amount of ink is printed down to completely bridge the ribs of the substrate to provide adequate stretch. Mix up to 30% C3 Color Boosters into ES0031 to create colors. Add up to 30% NPT Spandesol Clear to improve stretch of other NPT Plastisol inks. Available Product: ES0031 NPT Spandesol Clear ES9003 NPT Spandesol White ES8396 NPT Spandesol Black

Recommendation

Do not dry clean, bleach, or iron the printed image. Note: This is not a low bleed ink. Do not print on polyester fabrics. Clairra Colors™, 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 Clairra Colors™ test positive for the restricted phthalates.

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 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:

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