



Recommendations	
Product Overview	
Product Code	ES0280
Industry	Inks
Application	Screen Printing
Category	Specialty Inks
Sub-Category	Gel
Chemistry	Plastisol
Substrate(s)	Cotton
Best Used By	12 months
Certification(s)	ISO9001
Curing:	
Fusion Temperature	320 °F
Gel Point	160 °F
Performance:	
Viscosity	High
Coverage	Low Opacity
After Flash Tack	Medium
Squeegee:	
Squeegee Profile	Square
Squeegee Type	Polyurethane
Squeegee Speed	Medium
Screen:	
Emulsion Type	Capillary thick film
Cleanup	Bio-degradable screen wash
Storage:	
Storage Temperature	65°F - 95°F (18°C - 35°C)

Last Change: Sep 2017

NPT SUPER GEL CLEAR

ES0280 NPT Super Gel is formulated as a plastisol for printing on 100% Cotton fabrics or over a low bleed underlay on poly/cotton. This product has excellent edge definition when stacked for that 3D look and provides maximum gloss when fully cured. Fast shearing action means higher press speeds. Can be tinted with up to 30% C3 Color Boosters to make Gel Colors. High gloss and clarity when printed in thick film and cured properly.

Instructions

Print ES0280 directly onto substrates or over an underlay. ES0280 is normally printed through mesh ranges from 86-110 mc in (34-43 mc cm). You may print through finer mesh to achieve fine details with less height. Recommend 60 Durometer squeegee and thick film emulsion for superior edge definition when stacking. For higher gloss, cure at slightly higher temperature for longer times.

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. 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 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-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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