

## Technical Data Sheet #379

04/26/2013

<b>Wet Ink Tack</b>	Low
<b>After Flash Tack</b>	N/A
<b>Surface Appearance</b>	Glossy
<b>Opacity/Viscosity</b>	High/Medium
<b>Bleed Resistance</b>	N/A
<b>Gel Point/Flash Time</b>	160°F (71°C.) / decreases with deposit thickness
<b>Fusion Temperature</b>	320°F (160° C.)
<b>Squeegee Hardness</b>	Firm
<b>Squeegee Blade</b>	Sharp
<b>Squeegee Angle</b>	45°
<b>Squeegee Speed</b>	Slow to Medium
<b>Underlay</b>	N/A
<b>Emulsion</b>	Capillary Film or direct emulsion
<b>Mesh Count</b>	33T mc in (13 mc cm)
<b>Extender</b>	N/A
<b>Thickener</b>	N/A
<b>Storage</b>	65°F to 95°F (18° C to 33° C) Avoid direct sun
<b>Cleanup</b>	Biodegradable screen washes
<b>MSDS</b>	#1
<b>Color Range</b>	ES0468 Silver, ES4467 Gold
<b>Substrate Type</b>	Cotton or 50/50 Poly
<b>Substrate Color(s)</b>	Light, Medium, & Dark fabrics

# Specialty Inks

## ES NPT Sparkle Glitter Series

### Description

**ES Sparkle Glitter** gives a festive look to otherwise flat boring print designs. Use this glitter to decorate the garment for festive occasions and special events. The large particle glitter flake provides plenty of sparkle and glimmer.

### Features

- Short body and very low wet tack for easy printing.
- Easy to use, no viscosity modifications necessary.
- Silver Glitter can be tinted with up to 10% Color Boosters to make Glitter Colors.
- Extreme high gloss when printed in thick film.
- Now is non-phthalate

### Application

Print Glitter inks through a 33T mc in (13 mc cm) mesh screen, straight from the container. Maximum flood of ink into mesh count results in a smooth coat of glitter on the fabric surface. It is recommended to coat the inside of the screen mesh with emulsion for easy clean up. Glitter particles are opaque and may be printed on white, light, medium or dark 100% cotton or polyester/cotton without an underlay. They may also be applied as a cold peel transfer. When using a transfer, print through a 33T mc in (13 mc cm) mesh, gel at 200°F (94°C) and transfer at 350°F (177°C) to 375°F (191°C) for 8 to 10 seconds. Peel cold. Refer to technical literature provided by paper manufacturers regarding the correct papers to use for cold peel and specialty products.

### Recommended Printing Techniques

#### Special Recommendations

- Plastisols are THERMOPLASTIC, requiring heat for fusion.
- Stir plastisols prior to printing.
- Do not dry clean.
- Do not bleach.
- Do not iron image area

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™ Non-Phthalate Inks and Claira™ Non-Phthalate Concentrate Mixing System 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.