PRODUCT INFORMATION BULLETIN

ES0050 NPT JEWEL SILVER TONE

Rutland™

ES NPT Jewel Tone is formulated as a press-ready plastisol for printing on 100% Cotton or poly/ cotton. The NPT Jewel Tone Silver can be colored to produce an array of metallic colors.

Highlights

- Short body and very low tack for easy printing.
- No viscosity modifications necessary.
- Can be tinted with up to 5% C3 color boosters to make metallic colors.
- Extreme high luster when printed.

Printing Tips

- NPT Jewel Tone requires stirring before printing. Print directly onto substrates.
- NPT Jewel Tone is normally printed through mesh ranges from 86 - 110 t/in (34 - 43 t/cm).
- Recommend a medium Durometer squeegee for maximum coverage. Print with heavy pressure, allowing the base to penetrate the fibers for the most brilliant prints.
- NPT Jewel Tone will not tarnish. For maximum durability and wash fastness, insure a full cure of 320ºF (160°C.). Metallic inks require longer dwell times than standard inks to achieve a proper cure.

Compliance

- Internationally compliant
- Non-phthalate
- https://www.avientspecialtyinks.com/services/compliance-support

Precautions

- The information above is given in good faith and does not release you from testing inks and fabrics to confirm suitability of substrate and application process to meet your customer standards and specifications.

Recommended Parameters

Fabric Types
Cotton/blends

Flash & Cure
Flash: 140-150F on pre-heated pallets
Cure: 320F

Clean Up
Unused ink will need to be disposed of responsibly. Standard plastisol cleaners, press wash, or ink degradant

Mesh
Counts: 86-110
Tension: 18n-25n/cm3

Pigment Loading
C3 Pigments

Health & Safety
Find SDS information here: www.avient.com/resources/safety-data-sheets or contact your local CSR

Squeegee
70
Profile: Square
Stroke: 1+
Angle: 10-20%

Additives
Fiberbond EA0001
7.5-15% by weight

Stencil
Standard Emulsion
Off Contact: 1/16” (2mm) or greater
Emulsion Over Mesh: 15-20%

Storage
65 -95 F (18 -35 C) Avoid direct sunlight

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