

# ES0050 NPT JEWEL SILVER TONE



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 320°F (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

 <p><b>Fabric Types</b> Cotton/blends</p>	 <p><b>Flash &amp; Cure</b> Flash: 140-150F on pre-heated pallets Cure: 320F</p>	 <p><b>Clean Up</b> Unused ink will need to be disposed of responsibly. Standard plastisol cleaners, press wash, or ink degradant</p>
 <p><b>Mesh</b> Counts: 86-110 Tension: 18n-25n/cm3</p>	 <p><b>Pigment Loading</b> C3 Pigments</p>	 <p><b>Health &amp; Safety</b> Find SDS information here: <a href="http://www.avient.com/resources/safety-data-sheets">www.avient.com/resources/safety-data-sheets</a> or contact your local CSR</p>
 <p><b>Squeegee</b> 70 Profile: Square Stroke: 1+ Angle: 10-20%</p>	 <p><b>Additives</b> Fiberbond EA0001 7.5-15% by weight</p>	<p>2021, Avient Corporation. Avient makes no representations, guarantees, or warranties of any kind with respect to the information contained in this document about its accuracy, suitability for particular applications, or the results obtained or obtainable using the information. Some of the information arises from laboratory work with small-scale equipment which may not provide a reliable indication of performance or properties obtained or obtainable on larger-scale equipment. Values reported as "typical" or stated without a range do not state minimum or maximum properties; consult your sales representative for property ranges and min/max specifications. Processing conditions can cause material properties to shift from the values stated in the information. Avient makes no warranties or guarantees respecting suitability of either Avient's products or the information for your process or end-use application. You have the responsibility to conduct full-scale end-product performance testing to determine suitability in your application, and you assume all risk and liability arising from your use of the information and/or use or handling of any product. AVIENT MAKES NO WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, either with respect to the information or products reflected by the information. This literature shall NOT operate as permission, recommendation, or inducement to practice any patented invention without permission of the patent owner.</p>
 <p><b>Stencil</b> Standard Emulsion Off Contact: 1/16" (2mm) or greater Emulsion Over Mesh: 15-20%</p>	 <p><b>Storage</b> 65 -95 F (18 -35 C) Avoid direct sunlight</p>	