

ES0000 NPT ULTRA SOFT PRIMER CLEAR


Rutland™

ES0000 NPT Ultra Soft Primer Clear is designed to simplify stocking of multiple base plastisols. It functions as a multi-purpose product that gives you the ability to make subdued, soft hand colors on dark garments and extremely bright soft hand colors on lights.

Highlights

- NPT Ultra soft Primer Clear is not a low bleed plastisol; therefore, it is not recommended for use on polyester/cotton dark fabrics.
- Mix with M3 colors to reduce opacity and increase color clarity for light color garments.
- Mix with high tack plastisols to reduce tack and increase flow.
- Excellent penetration into fiber when printing with fine mesh.

Printing Tips

- Reduce opacity and increase color clarity. Mix with opaque colors to reduce cost, opacity and increase color clarity. Extending colors also increases ink volume and decreases cost.
- Curable thinner (reduce viscosity, increase flow) Mix with other NPT plastisol colors to reduce viscosity and allow ink to flow into the mesh opening.
- Overcoat Clear to reduce fibrillation Create a single clear plate by combining all colors in an image to be printed on 100% cotton.
- Print all colors, flash, then print NPT Ultra Soft Primer Clear (86-305 t/in in (34-120 t/cm) over the top to seal fibers, reducing the amount of fibrillation seen after wash and dry cycles.
- Note: Avoid over printing colors formulated with the 4449 yellow used in Rutland mixing systems as some color migration could result.












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	 Flash & Cure Flash: 140-150°F on pre-heated pallets Cure: 320°F	 Clean Up Unused ink will need to be disposed of responsibly. Standard plastisol cleaners, press wash, or ink degradant
 Mesh Counts: 86-305 Tension: 18n-25n/cm3	 Pigment Loading N/A	 Health & Safety Find SDS information here: www.avient.com/resources/safety-data-sheets or contact your local CSR
 Squeegee 70, 70/90/70, 60/90/60 Profile: Square Stroke: 1+ Angle: 10-20%	 Additives	<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>
 Stencil Standard Emulsion Off Contact: 1/16" (2mm) or greater Emulsion Over Mesh: 15-20%	 Storage 650°-9° F (18°-32° C) Avoid direct sunlight	
 AVIENT™	AVIENT SPECIALTY INKS	V3.01 (Modified: 03/11/2021)