

# EL9760 NPT SUPER POLY PLUS WHITE


**Rutland™**

Rutland™ EL9760 Super Poly Plus White is a premium non-phthalate plastisol ink designed to print onto 100% polyester and polyester blended fabrics. EL9760 is the best-in-class poly white with highest bleed resistance rating in the Rutland™ portfolio. EL9760 white delivers superior printability, opacity, coverage, and quick shear.

## Highlights

- Extraordinary low bleed qualities for printing on 100% polyester
- For severe bleeding fabrics we suggest ES0266 NPT Barrier Base as an under base for maximum protection against dye migration
- Fast shearing action means higher press speeds
- Commendable printability on both manual and automatic presses
- Will not bleach out colors that are printed over top when used as an underlay

## Printing Tips

- Use consistent, high-tensioned screen mesh and sharp edged squeegees for best print results.
- Proper cure is achieved when garment reaches 320°F (160°C). Poorly dyed polyester or too much heat in the curing process can overcome any low bleed inks ability to block the migration. For severe migration use ES0266 NPT Barrier Base as an underlay.
- Use a printing technique to assure a good ink deposit to maximize bleed resistance and film strength properties.
- EL9760 Super Poly Plus White is a low bleed ink and should not be printed on 100% Cotton, otherwise a ghost image could appear.












## Compliance

- Non-phthalate
- Internationally compliant
- Visit <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

 <b>Fabric Types</b> Cotton/Poly Blends, Polyester	 <b>Flash &amp; Cure</b> Flash: 210-230°F (99°C-110°C) on pre-heated pallets Cure: 320°F (160°C)	 <b>Clean Up</b> Unused ink will need to be disposed of responsibly. Standard plastisol cleaners, press wash, or ink degradant
 <b>Mesh</b> Count: 86-156t/in (34-61t/cm) Tension: 25n/cm3	 <b>Pigment Loading</b> N/A	 <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
 <b>Squeegee</b> Durometer: 70, 80 Profile: Square Stroke: x2 stroke, medium speed Angle: 10-15%	 <b>Additives</b> K2940 HUGGER CATALYST	<p>2023, 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>
 <b>Stencil</b> Standard Emulsion Off Contact: 1/16" (2mm) or greater Emulsion Over Mesh: 15-20%	 <b>Storage</b> 65 -95° F (18 -35° C) Avoid direct sunlight. Use within one year of receipt. Keep container well sealed.	
 <b>AVIENT™</b>	<b>AVIENT SPECIALTY INKS</b>	<b>V4.00 (Modified: 02/07/2023)</b>