

EL0746 NPT POLY BASE


 Rutland™

EL0746 NPT POLY BASE is formulated as a press-ready non-phthalate low bleed plastisol base used to mix colors for printing on 100% Polyester. NPT Poly Base has great dye migration resistance, however, it should always be used with NPT Super Poly Plus White or where severe bleeding is a problem we suggest ES0266 NPT Barrier Base as an under base for maximum protection against dye migration.

Highlights

- Short body and very low wet tack for easy printing with no build-up
- Fast shearing action means higher press speeds
- Great low bleed qualities for printing on 100% polyester
- Mix with C3 Color Boosters to maintain Non-Phthalate status

Printing Tips

- Mix EL0746 NPT POLY BASE with C3 Color Boosters and print directly onto substrates.
- EL0746 NPT POLY BASE is normally printed through mesh ranges from 86-230 t/in. (34-90 t/cm) Recommend 70-80 Durometer squeegee with sharp edge for maximum definition.












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

 Fabric Types 100% Polyester	 Flash & Cure Flash: 140-150°F on pre-heated pallets Cure: 320°F/160°C	 Clean Up Unused ink will need to be disposed of responsibly. Standard plastisol cleaners, press wash, or ink degradant
 Mesh Count: 86-230 t/in Tension: 25n/cm3	 Pigment Loading C3 Color Boosters	 Health & Safety Find SDS information here: www.avient.com/resources/safety-data-sheets or contact your local CSR
 Squeegee Durometer: 70,80 Profile: Square Stroke: 1+ Angle: 15-20%	 Additives	<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>
 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. Use within one year of receipt. Keep container well sealed.	
	AVIENT SPECIALTY INKS	V4.10 (Modified: 08/18/2023)