



# PER046 PERMA POLY BASE

PER046 Perma Poly Base is a press-ready low bleed plastisol base used to mix colors for printing on 100% Polyester. PER046 has great dye migration resistance, however, it should always be used with PER170 Perma White or where severe bleeding is a problem we suggest XOL966 Blocking Grey 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.
- Great low bleed qualities for printing on 100% polyester.
- Fast shearing action means higher press speeds.

## Printing Tips

- PER046 Perma 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

 <p><b>Fabric Types</b> 100% Polyester</p>	 <p><b>Flash &amp; Cure</b> Flash: 140-150°F on pre-heated pallets Cure: 320°F</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> Count: 86-230 t/in Tension: 25n/cm3</p>	 <p><b>Pigment Loading</b> N/A</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> Durometer: 70,80 Profile: Square Stroke: 1+ Angle: 15-20%</p>	 <p><b>Additives</b></p>	<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>
 <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. Use within one year of receipt. Keep container well sealed.</p>	