



# PERM170 PERMA WHITE

Perma White is formulated to print on 100% Polyester garments. PERM170 exhibits excellent bleed resistance with very good opacity, coverage, printability, and fiber mat down. It has a long body that produces a medium hand print with low after flash tack. Widely popular with manual and automatic printers alike.

## Highlights

- Perma White is formulated to be ready for use.
- It is an excellent ink for use on polyester fabrics.
- This ink has outstanding dye migration resistance
- Works great as a stand alone or as an underbase
- It shows great stretch at lower meshes

## Printing Tips

- Higher mesh counts can be used but bleed may result.
- Use enough squeegee pressure to deposit the ink on the surface of the shirt, try not to drive the ink into the fabric.
- Be sure to cure fully without going over 320°F.
- Poly inks often benefit from Dual durometer squeegees such as 60/90/60 and 70/90/70.











## 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> Polyester</p>	 <p><b>Flash &amp; Cure</b> Flash: 210-230°F (99°C-110°C) on pre-heated pallets Cure: 60 seconds at 320°F(148°C)</p>	 <p><b>Clean Up</b> Standard plastisol cleaners, press wash, or ink degradant</p>
 <p><b>Mesh</b> Count: 86-110 Tension: 25n/cm3</p>	 <p><b>Pigment Loading</b> Not recommended</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 or 80 Profile: Square Stroke: x2 stroke, slower speed Angle: 10-20%</p>	 <p><b>Additives</b> Any extenders or modifiers will effect opacity.</p>	<p>2022, 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>	