














PATE1000 ATHLETIC WHITE

PATE1000 Athletic White is a high gloss ink with superior stretch designed specifically for nylon and tightly woven fabrics. This ink has good opacity and hand, great coverage and fiber mat down, with good to great printability. PATE1000 has a medium body and tack that achieves excellent adhesion on nylon, nylon/Lycra and spandex. This is a cost effective high gloss option when printing dye stable sports uniform fabrics.




Highlights

-  High Gloss
-  Superior Stretch
-  Excellent adhesion on Nylon.
-  Can be used on non-dyed poly
-  A cost effective solution


Printing Tips

-  Use any direct emulsion or capillary film compatible with plastisol inks.
-  Athletic Gloss inks should be printed through a coarse mesh screen in order to produce a thick deposit of ink.
-  Placing a soft surface such as a silicone rubber pad on the platen will help print a thicker layer of ink.
-  Two or three strokes may be necessary to drive the ink into the garment and still leave a thick film on top.
-  For maximum deposit use soft or medium durometer squeegees with rounded or beveled edges.
-  Do not dry clean, bleach, or iron the printed image.












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 Nylon, Lycra/Spandex, Supplex nylon	 Flash & Cure Flash: Pre-heat pallets Cure: 60 seconds at 300°F (148°C)	 Clean Up Standard plastisol cleaners, press wash, or ink degradant
 Mesh Count: 110-156 t/in Tension: 18-35n/cm3	 Pigment Loading Not recommended	 Health & Safety Find safety information here: www.avient.com/resources/safety-data-sheets or contact your local CSR
 Squeegee Durometer: Medium: 70 or 60-90-60 Profile: Square or Rounded Stroke: x2 stroke, medium speed Angle: 10 to 15	 Additives K2910 Viscosity Buster K2940 Hugger Catalyst	<p>2024, 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) 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: 05/07/2025)