








PATE SERIES INKS

Union PATE series inks have been developed for high abrasion resistance on nylon fabrics. These inks are very stretchy with a high gloss.

Highlights

-  Athletic Gloss plastisol inks provide glossy, opaque prints with outstanding durability.
-  This ink does not contain any anti/dye migration chemistry.
-  High opacity. Glossy finish.
-  When printing water-resistant materials such as nylon jackets or nylon garment bags consider adding 10-15% Nylobond by weight.
-  PATE Inks are designed specifically for providing outstanding adhesion and durability on Nylon, Nylon mesh, Supplex, and Spandex/Lycra.


Printing Tips

-  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.











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

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|  <p>Fabric Types Nylon</p> |  <p>Flash & Cure Flash: Pre-heat pallets Cure: 300°F</p> |  <p>Clean Up Standard plastisol cleaners, press wash, or ink degradant</p> |
|  <p>Mesh Counts: 86-110 Tension: 25n/cm3</p> |  <p>Pigment Loading N/A</p> |  <p>Health & Safety Find safety information here: www.avient.com/resources/safety-data-sheets or contact your local CSR</p> |
|  <p>Squeegee 70, 80 Profile: Square Stroke: 1+ Angle: 15-20%</p> |  <p>Additives If necessary, reduce with (up to 5% by weight) Reducer/Detackifier (PLRE-9000).</p> | <p>2021, 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>Stencil Standard Emulsion Off Contact: 1/16" (2mm) or greater Emulsion Over Mesh: 15-20%</p> |  <p>Storage 65°-90° F (18°-32° C) Avoid direct sunlight</p> | |