



ATP101 ATHLETIC WHITE

ATP101 Athletic White is for printing on polyester. It shows excellent adhesion and will produce a long life on loosely woven nylon substrates.

Highlights

- Fast flashing in as low as 3 seconds, (10 watts per sq.in/heating area) or 4-6 seconds (6-7 watts per sq. in./heating area).

Printing Tips

- It is best practice to "pre-shear" ink before introduction to the screen. Do this by "Slicing and folding" the ink with an ink knife. Do not mix with power drill, friction heat from mechanical mixers other than a "Turn about" style mixer will thicken up the ink body.
- For best results use a flood/print method using a 70 to 80 durometer, squeegee. A print, flash, print is recommended for polyester. 60-110 TPI (23-43 TPcm) screens tightened to 25 newtons are recommended.
- Coarse meshes are recommended for a thicker ink deposit
- Closed or tight weave nylon shell fabrics (used in jackets) will still require MF-66 Nylon Bonding Agent.

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>Fabric Types Poly</p>	 <p>Flash & Cure Flash: 140-150°F on pre-heated pallets Cure: 60 seconds at 320°F(148°C)</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 Not recommended</p>	 <p>Health & Safety Find SDS information here: www.avient.com/resources/safety-data-sheets or contact your local CSR</p>
 <p>Squeegee Medium: 70 or 60-90-60 Profile: Square Stroke: x2 stroke, slower speed Angle: 10-20%</p>	 <p>Additives PLRE-9100 Concentrated Plastisol Reducer MF-66 Bonding agent P-5011 Curable Reducer</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 -95° F (18 -35° C) Avoid direct sunlight</p>	



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