

PLPE1000 PLASTIPUFF WHITE



PLPE1000 EF Plastipuff White is a plastisol puff ink that adds dimension to prints as a special effects ink. Plastipuff White is also printed as a grip pattern on socks or as an under base on fabrics that have irregular surface topography. Many specialty advertising printers choose this ink for printing neoprene drink holders, hats, and visors.

Highlights

- PLASTIPUFF is a plastisol puff ink formulated to cure and expand rapidly.
- PLASTIPUFF also produces an exceptionally strong, long-lasting ink film with a high uniform finish and excellent abrasion resistance.
- Often used to print grip or traction patterns on socks and other garments.
- Excellent for printing drink "koozies" and other neoprene products.
- Suitable for hat and cap printing when puff or extra dimension is required.
- Excellent for bridging wide weaves.

Printing Tips

- 33-76 t/in. Best results obtained with high ink deposits.
- Printing on a soft printing surface such as a thin pad of silicone rubber will help leave the ink on the surface of the garment. To get proper coverage it may be necessary to use more than one printing stroke.
- Excellent puffing is achieved at temperatures too low to fully cure the plastisol. It is important to reach the recommended temperature to ensure proper adhesion. If the print cracks when folded, it is not properly cured.
- CURING:** PLASTIPUFF Inks will expand to a durable finish if allowed to reach 310°F (155°C).
- SCREEN FABRIC:** Monofilament meshes ranging from 33-76T (14-29T metric) may be used. High ink deposits will produce higher expansion (Best results are obtained by thick stencils to further increase ink deposits).
- CAUTION:** Always pre-test for curing, adhesion, puff height, wash-resistance, etc. before production.












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

 Fabric Types Cotton, Cotton Polyester Blends, and Poly	 Flash & Cure Flash: Pre-heat platons Cure: 310°F	 Clean Up Unused ink will need to be disposed of responsibly. Standard plastisol cleaners, press wash, or ink degradant
 Mesh Counts: 33-76T (14-29T metric) Tension: 25n/cm3	 Pigment Loading N/A	 Health & Safety Find safety information here: www.avient.com/resources/safety-data-sheets or contact your local CSR
 Squeegee 70, 80 Profile: Square Stroke: 1+ Angle: 10-20%	 Additives N/A	<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>
 Stencil Standard Emulsion or Capillary Film Off Contact: 1/16" (2mm) or greater Emulsion Over Mesh: 15-20%	 Storage 65 -95 °F (18 -35 °C) Avoid direct sunlight	
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