

PLPE9111 PLASTIPUFF ADDITIVE

PLPE9111 EF Plastipuff Additive can be added to Union Ultrasoft inks to create puff colors.

Highlights

- Standard plastisol can be turned into plastisol puff by adding PLPE-9111 Puff Additive to regular PLUE Series plastisol.
- PLASTIPUFF is a plastisol puff ink formulated to cure and expand rapidly.
- Pastipuff is designed for use on T-shirts, sweat shirts and other woven cotton and cotton/polyester garments.
- PLASTIPUFF also produces an exceptionally strong, long-lasting ink film with a high uniform finish and excellent abrasion resistance.

Printing Tips

- 33-76 t/in. Best results obtained with high ink deposits.
- Puff inks will expand in all directions when heated. Because of this it is important to try to lay the ink on top of the garment. This helps the ink puff away from the garment and not into it.
- Do not flash long enough to complete the puff process; only to the gel point to avoid pressing into the garment when successive colors are printed over it. Puff the ink on the final cure.
- 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).
- Add Puff Additive at the rate of 1 part additive to 6 parts plastisol BY VOLUME or up to 15% by weight and follow the directions for PLASTIPUFF.
- For fluorescent puff ink, add PLPE-9111 Puff Additive to PLUE Series Fluorescent colors.











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 Cotton, Cotton Polyester Blends, and Poly</p>	 <p>Flash & Cure Flash: Pre-heat pallets Cure: 310°F</p>	 <p>Clean Up Standard plastisol cleaners, press wash, or ink degradant</p>
 <p>Mesh Counts: 33-76T (14-29T metric) 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: 10-20%</p>	 <p>Additives</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 or Capillary Film 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>	