

PLASTICHARGE ADDITIVE

EF Plasticharge Additive can be used on it's own or tinted 1:1 with Maxopake or Mixopake inks.

Highlights

- Plasticharge Additive may be printed on it's own to discharge shirt color as an under base.
- Plasticharge Additive can be combined with Union Maxopake or Mixopake colors at 1:1 to create Plasticharge colors.
- Plastisol and water base inks may be printed over Plasticharge prints.

Printing Tips

- Combine equal parts Plasticharge Additive and a suitable Union Mixopake or Maxopake plastisol. Stir slowly until completely mixed. Add 4-6% ZFS Discharge Agent (DSPP-9ZFS) just before printing and mix until completely dissolved.
- Your percentage of ZFS Discharge Agent (DSPP-9ZFS) powder should be based on the weight of the Plasticharge Additive DSPCHE907 only, Not the combined weight of the ink and additive.
- Water base inks can dry in the screen, Plasticharge Additive DSPCHE907 is no exception. It is helpful to mist the air above the screen with a spray bottle of distilled water as needed in order to maintain humidity.
- The printer must test any color mixed with Plasticharge Additive on the garment prior to production to determine if the dyes in that garment will discharge.
- When mixing Plasticharge reds- it is often beneficial to reduce the amount of ZFS powder by 1%.
- Union Maxopake and Mixopake inks are Triple opacity inks that can maintain color value when mixed with Union DSPCHE907 EF Plasticharge Additive.











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</p>	 <p>Flash & Cure Flash: Pre-heated pallet Cure: 320°F</p>	 <p>Clean Up Unused ink will need to be disposed of responsibly. Standard plastisol cleaners, press wash, or ink degradant</p>
 <p>Mesh Counts: 110-230 Tension: 25n/cm3</p>	 <p>Pigment Loading Union Maxopake ink series or Union Mixopake Pantone system</p>	 <p>Health & Safety Find safety information here: www.avient.com/resources/safety-data-sheets or contact your local CSR</p>
 <p>Squeegee 70, 60/90/60 Profile: Square Stroke: 1 to 2 Angle: 10-15%</p>	 <p>Additives ZFS Discharge Agent (DSPP)-9ZFS is required to activate Plasticharge ink. Add 4-6% by weight of Plasticharge product.</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 Water resistant Off Contact: 1/16" (2mm) or greater Emulsion Over Mesh: 15-20%</p>	 <p>Storage STORE WITH LID TIGHTLY SEALED TO AVOID EVAPORATION 65 -95 °F (18 -35 °C) Avoid direct sunlight</p>	