













## DSPCHE100 PLASTICHARGE WHITE

EF Plasticharge White is a hybrid plastisol/discharge that allows you to print water base discharge style prints with more ease than a true water base discharge. Plasticharge White allows you longer open times than true water base and better coverage on some blends where higher pigmentation is needed.

### Highlights

-  Use as a stand alone white for super soft prints on cotton.
-  Plasticharge White also makes a terrific under base for softer prints.
-  Plastisol and water base inks may be printed over Plasticharge prints.
-  Plasticharge is an excellent tool for learning water base for printers who are already established in plastisol.


### Printing Tips

-  Add 4-6% ZFS Discharge Agent (DSPP)-9ZFS) prior to printing. Mix until completely dissolved. Let sit covered for 10 minutes.
-  If mixture "foams" mix back down. This should not impact printability in most cases.
-  The printer should test Plasticharge White on the garment prior to production to determine if the dyes in that garment will discharge.
-  After mixing, the ink must be used for discharging within 24 hours. If necessary, Plasticharge White may be reduced with water
-  Plasticharge print area will soften considerably after the first wash.
-  If print fades after wash, not all of the water was evaporated out of the print. This means the garment requires a longer dwell time in the dryer for full evaporation.
-  Water base inks can dry in the screen, Plasticharge 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.
-  An even better option for maintaining humidity near your Plasticharge screen(s) is to place a small evaporative steam humidifier on the floor below the print head.











### 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><b>Fabric Types</b> Reactive dyed Cotton</p>	 <p><b>Flash &amp; Cure</b> Flash: Pre-heat pallets Cure: 320°F</p>	 <p><b>Clean Up</b> Standard plastisol cleaners, press wash, or ink degradant</p>
 <p><b>Mesh</b> Counts: 110-230 Tension: 25n/cm3</p>	 <p><b>Pigment Loading</b> N/A</p>	 <p><b>Health &amp; Safety</b> Find safety information here: <a href="http://www.avient.com/resources/safety-data-sheets">www.avient.com/resources/safety-data-sheets</a> or contact your local CSR</p>
 <p><b>Squeegee</b> 70, 60/90/60 Profile: Square Stroke: 2 Angle: 10-15%</p>	 <p><b>Additives</b> ZFS Discharge Agent (DSPP)-9ZFS</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><b>Stencil</b> Water resistant Off Contact: 1/16" (2mm) or greater Emulsion Over Mesh: 15-20%</p>	 <p><b>Storage</b> STORE WITH LID TIGHTLY SEALED TO AVOID EVAPORATION 65 -95 °F (18 -35 °C) Avoid direct sunlight</p>	