



**PADE1027 EF BRITE COTTON WHITE**

EF Brite Cotton White PADE1027 is a high opacity, creamy, medium to low gloss ink that can be used as an under base, stand alone, or highlight white on 100% cotton garments. Easy to print on manual or automatic presses. Brite Cotton White provides great fiber mat down and coverage, excellent printability, and a very soft hand. This ink is very easy to use and is a terrific choice for novice printers and as well as large printing plants.

**Highlights**

- Medium to low gloss (increased mesh count will lessen gloss)
- Can be printed over a Low bleed or Poly Blocker under base.
- Matches EF Low Bleed Diamond White when a Low bleed is needed for an under base
- Produces sharp, bright prints.
- Excellent first time white for beginners.
- Can be added 1:1 to Plasticharge additive DSPCHE907 to create a Plasticharge white. See Plasticharge PIB for directions on activating mixture.

**Printing Tips**

- Use any direct emulsion or capillary film compatible with plastisol inks.
- A soft pad on the printing pallet and minimal squeegee pressure will minimize penetration into the garment and enhance the final print.
- Thicker deposits with lower pressure will result in excellent detail. To achieve this, make sure your stencil thickness is adequate( about the thickness of a standard business card.
- Squeegee should be a medium hardness, pressure should be medium to low.
- A 60/90/60 or 55/95/55 durometer squeegee produces the best results.

**Compliance**

- Non-phthalate
- Internationally compliant
- Visit <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> Cotton</p>	<p><b>Flash &amp; Cure</b> Flash: Pre-heat pallets ~ 140°F Cure: 60 seconds at 320°F(148°C)</p>	<p><b>Clean Up</b> Standard plastisol cleaners, press wash, or ink degradant</p>
<p><b>Mesh</b> Count: 110-200 Tension: 18-35n/cm3</p>	<p><b>Pigment Loading</b> Not recommended</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> Durometer: Medium: 70 or 60-90-60 Profile: Square Stroke: x2 stroke, medium speed Angle: 10-20%</p>	<p><b>Additives</b> Reducer PLRE-9000 Nylobond Plasticharge Additive DSPCHE907</p>	<p>2023, 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> Standard Emulsion Off Contact: 1/16" (2mm) Emulsion Over Mesh: 15-20%</p>	<p><b>Storage</b> 65 -95° F (18 -35° C) Avoid direct sunlight. Use within one year of receipt. Keep container well sealed.</p>	



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