

EH9020 NPT SILKY COTTON WHITE



SILKY Cotton White is designed for maximum smoothness and opacity on cotton fabrics resulting in a very soft hand. This white has excellent fiber mat down, is creamy, fast flashing, and has a low after flash tack. Silky offers a boutique style matte gloss and satin finish with a high end soft hand.

Highlights

- Opaque with excellent matting characteristics.
- Fast flashing, allowing for shorter dwell times and faster production rates.
- Works well as a highlight white or a stand-alone white.
- This smooth, creamy consistency is easy to print with on both manual and automatic presses.

Printing Tips

- For best results, flood the image and print using a sharp 70 durometer squeegee. A 70 durometer or 65/90/65 durometer squeegee may be used when a very heavy deposit is required.
- NPT SILKY Cotton White will print through screen meshes in the range of 86-305 t/in (32-120 t/cm).
- For fine deposit, use 160 t/in (62 t/cm) mesh or higher when necessary. Coarse meshes 86-110 t/in (34-43 t/cm) are recommended for a thicker ink deposit which may be needed for heavy cotton fleece fabric.
- Parameters vary between all flash units. Flash for 2-3 seconds with the ink deposit reaching 150-250°F (65-121°C). Ink should be dry and without tack. Warning: Over flashing can cure the ink and prevent adhesion between coats of ink.
- Cure at 320°F (160°C) over a 60-90 second period, depending on oven type and thickness of ink deposit. A thicker deposit will take longer to cure as the heat must penetrate through the entire ink layer.


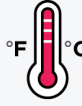








Compliance

- 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: 140-150°F on pre-heated pallets 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: 86-305 Tension: 18n-25n/cm3</p>	 <p>Pigment Loading N/A</p>	 <p>Health & Safety Find SDS information here: www.avient.com/resources/safety-data-sheets or contact your local CSR</p>
 <p>Squeegee 70, 65/90/65, 60/90/60 Profile: Square Stroke: 2+ Angle: 10-15%</p>	 <p>Additives Fiberbond EA0001 10-15% by weight</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 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>	