PRODUCT INFORMATION BULLETIN

EH9020 NPT SILKY COTTON WHITE

EH9020 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. EH9020 Silky Cotton White offers a boutique style matte gloss and satin finish with a high end soft hand.

Rutland

	Highlights			Printing Tips			
0	Opaque with excellent matting characteristics.	tics.		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.			
0	Fast flashing, allowing for shorter dwell times and faster production rates.		-	EH9020 Silky Cotton White will print through screen meshes in the range of			
0	Works well as a highlight white or a stand-alone white.		86-305 t/in (32-120 t/cm).				
•	This smooth, creamy consistency is easy to print with on both manual and automatic presses.		 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. 				
	Compliance			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			
0	Non-phthalate			heat must penetrate through the entire ink layer.			
0	Internationally compliant	ionally compliant					
•	Visit https://www.avientspecialtyinks.com/ services/compliance-support						
	Precautions						
•	The information above is given in good faith and doa testing inks and fabrics to confirm suitability of subs process to meet your customer standards and specie	es not release you from trate and application fications.					
	Recommended Parameters						
	Fabric Types		Flash & Cure Flash: 140-150°F on pre-heated pallets Cure: 320°F			Clean Up Unused ink will need to be disposed of responsibly. Standard plastisol cleaners, press wash, or ink degradant	
					. 🗖 .	Health & Safety	
#	Mesh Count: 86-305 t/in Tension: 18n-25n/cm3		_oading			Find SDS information here: www.avient.com/resources/safety-data- sheets or contact your local CSR	
	Squeegee Durometer: 70, 65/90/65, 60/90/60 Profile: Square Stroke: 2+ Angle: 10-15%		S DSITY BUSTER		2023, Avient (guarantees, o contained in ti particular app the informatio with small-scc indication of p larger-scale e without a rang consult your s specifications	Corporation. Avient makes no representations, r warranties of any kind with respect to the information his document about its accuracy, suitability for lications, or the results obtained or obtainable using n. Some of the information arises from laboratory work ale equipment which may not provide a reliable erformance or properties obtained or obtainable on quipment. Values reported as "typical" or stated ge do not state minimum or maximum properties; ales representative for property ranges and min/max. Processing conditions can cause material properties	
A	Stencil Standard Emulsion Off Contact: 1/16" (2mm) or greater Emulsion Over Mesh: 15-20% Storage 65 -95° F (18 Avoid direct s Use within or Keep contain		3 -35° C) sunlight. Ne year of receipt. er well sealed.		to shift from the warranties or products or the performance to you assume a information ar NO WARRAN NOT LIMITEE MERCHANTA	ne values stated in the information. Avient makes no guarantees respecting suitability of either Avient's ie information for your process or end-use application. responsibility to conduct full-scale end-product testing to determine suitability in your application, and all risk and liability arising from your use of the d/or use or handling of any product. AVIENT MAKES ITIES, EXPRESS OR IMPLIED, INCLUDING, BUT 0 TO, IMPLIED WARRANTIES OF	
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