		PRODUCT INFORMATION BULLETIN		
	wilflex			
2200 EPIC™ BOLT LC WHITE				
Wilflex <sup>™</sup> Epic <sup>™</sup> Bolt LC White is a non-phthalate, low-bleed, low cure white ink that delivers superior printability and a premium soft, bright finish over a range of garments . It is		RECOMMENDED PARAMETERS		
cha	racterized by its fast flash and fast print strokes making it ideal for high production print ops. Bolt LC White has the opacity and brightness to perform admirably in vector stand-		Fabric Types	
alo Wh	ne white graphics but also the ability to hold detail for fine mesh halftone graphics. Bolt LC ite is designed for printing textiles but is versatile to use on non-woven polypropylene bags PB).		Polyblends, triblends, cotton/poly blends, 100% polyester*, non-woven polypropylene bags (NPB)	
	HIGHLIGHTS			
W	High opacity, superior coverage, brilliant white W Low cure, save energy, reduce bleed defects		Mesh Count: 86-305 t/in (34-120 t/cm) Tension: 25-35 n/cm2	
	Premium soft hand, drape and fiber-matte down W Excellent for vector and fine mesh half-tone graphics	+++++++++		
v	Excellent bleed resistance on poly-blends V Commendable printability on both manual and automatic presses	Int	Squeegee Durometer: 60/90/60, 70/90/70, 60-70 Profile: Square, Sharp	
G	RINTING TIPS	The	Stroke: Hard flood, Fast stroke Angle: 10-15%	
W	Stir inks before printing			
v	Use consistent, high-tensioned screen mesh and sharp edged squeegees for best print results	CA.	Stencil 2 over 2	
w	Use a printing technique to assure a good ink deposit to maximize bleed resistance and film strength properties		Off Contact: 1/16" (2mm) Emulsion Over Mesh: 15-20%	
v	Allows for fast print strokes and easy clearance on fine mesh. Use hard flood and low-medium squeegee pressure		Flash & Cure	
w	Bolt LC White is a low bleed and low cure ink. *When printing on 100% polyester, cure at 270°F (132°C) and pre-test for bleed resistance. For challenging fabrics, a bleed blocking underbase such as EPIC <sup>™</sup> Armor LC Gray or Black is required	°F	Flash: 220°F (105°C) Cure: 270°F - 320°F (132°C - 160°C)	
v	For best results on non-woven polypropylene bags, single print using 110-156 t/in (43-62 t/cm) mesh with a 60 or 70 single durometer squeegee and cure at 270°F (132°C)		Pigment Loading	
w	Adjust flash cure temperature and dwell time so ink is just dry to touch. Depending on flash unit, a 2 - 3 second flash is adequate.	A	N/A	
w	Curing is a time and temperature process, a lower oven temperature setting with a slower belt speed while maintaining recommended ink cure temperature is always best to protect fabric, control dye migration and reduce energy consumption		Wilflex <sup>™</sup> Additives	
w	Bolt LC White can be cured between 270°F - 320°F (132°C - 160°C)	R .	ASI Viscosity Buster-1% max	
v	Suitable for use as an underbase flash white or as a hi-lite white	ÿ		
			Storage	
	COMPLIANCE	F	65-90°F (18-32°C) Avoid direct sunlight Use within one year of receipt	
W	Non-phthalate			
W	For individual compliance certifications and conformity statements, please visit: www.avient.com/wilflex-compliance		Clean Up	
C	RECAUTIONS		Ink degradant or press wash	
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				
con			Health & Safety Find SDS information here:	
8	<b>AVIENT</b> AVIENT SPECIALTY V3.06 (Modified: 03/29/2024)	٦F	www.avient.com/resources/safety-data-sheets or contact your local CSR	
2024, 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 property ranse 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 minimax specifications contained properties to shift				
Final set optical of stated window a range use to state minimum of mathematic populations (source and construction) and marked set optications and and marked set optications. Avient matching population in an analysis of an activity of the avient set optication for your process or end-uses a policition. Not have the responsibility to conduct full-scale end-product performance testing to determine suitability in your application, and you aspute a similar in a properties to similar properties of the information for your products. You have the responsibility to conduct full-scale end-product performance testing to determine suitability in your application, and you aspute all risk and liability arising from your use of the information and/or use or handling of any product. VEREM WARRANTIES, EXPRESS OR A PARTICULAR PURPOSE, either with NOT LIMITED TO, IMPLED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, either with respect to the information or doubt to the state of the information of the respect to the information or polation.				
This literature shall NOT operate as permission, recommendation, or inducement to practice any patented invention without permission of the patent owner.				