Wilflex Epic White Plastisol Inks Cheat Sheet

Quick, Sprint, Tiger, Bolt LC, Athletic Poly, Performance LC, Single LC, Shock LC, Echo and UBG: mesh, flash, cure and fabric for each.

Wilflex white inks, from each product's data sheet

White	Fabric (Avient)	Mesh	Flash	Cure	Note from the data sheet
Epic Quick White	Cotton/poly blends	86-305	220 F	300 F	Fast flash, minimal after-tack; low bleed, pre-test for ghosting
Epic Sprint White	100% cotton	86-305	220 F	300 F	Extremely fast flash, fiber mat-down, bright finish
Amazing Bright Tiger White	Cotton/poly blends, triblends	86-280	220 F	300 F	Full-bodied, low bleed; moderate-fast strokes
Epic Bolt LC White	Poly blends, triblends, cotton/poly, 100% polyester*, non-woven	86-305	220 F	270-320 F	Low bleed, low cure. *On 100% polyester cure at 270 F and pre-test; use a bleed-blocking underbase such as Epic Armor LC Gray on challenging fabrics
Wilflex Athletic Poly White	100% polyester, poly blends	86-160	220 F	320 F	Good bleed resistance, opacity and coverage on polyester
Performance LC White	100% polyester, triblends, poly blends	86-230	220 F	270-320 F	Low bleed; for sublimation-dye fabrics use Rival Sport LC Defender underbase; higher end for cotton or heavy garments
Single LC White	100% cotton, 100% polyester, triblends, poly and cotton/poly blends	86-230	220 F	260-280 F	Universal use, bleed resistance
Shock LC White	100% cotton	86-305	180 F surface	270-320 F	Low cure; on bleed-prone polyblends pre-test at 270 F; underbase Epic Armor LC Gray or Black for challenging fabrics
Echo Cotton White	100% cotton	86-230	220 F	320 F	Value white for large contract printers; holds opacity in long auto-press runs
Echo LB White	Cotton/poly blends	86-230	220 F	320 F	Value polyblend white; moderate bleed resistance
Epic UBG (underbase)	100% polyester, poly blends	86-160	220 F	320 F	Prevents dye migration as an underbase; always overprint with a white and/or color

Press setup on every Epic data sheet (Avient)

Screen tension	25-35 N/cm2; consistent, high-tensioned mesh and sharp-edged squeegees
Squeegee	Durometer 60-70 (60/90/60 or 70/90/70 dual or triple), square sharp profile, angle 10-15 degrees, 2 over 2
Off contact	1/16 inch (2 mm); emulsion over mesh 15-20%
Flash	Adjust temperature and dwell so the ink is just dry to touch; 2 to 3 seconds is adequate on most flash units
Cure	The temperature applies to the entire ink film; lower oven setting with slower belt is best for the fabric
Storage	65-90 F (18-32 C), away from direct sunlight, use within one year; stir before printing

Sources: Avient/Wilflex product information bulletins: Epic Quick White V3.06, Epic Sprint White V3.04, Amazing Bright Tiger White V1.16, Bolt LC White V3.08 and A2200 Epic Bolt LC White RFU V1.24, Athletic Poly White V1.12, Performance LC White V3.06, Single LC White V3.10, Shock LC White V3.09, Echo Cotton White V3.03, Echo LB White V3.05, Epic UBG V1.12. See also our white plastisol by fabric and cure temperature cheat sheets. Reference only: the maker's current data sheet governs. Mesh in threads per inch. All data sheets: bucketsofink.com/page/safety-data-sheets.