

Kernow Display Products for Latex Printers Kernow manufactures a range of media ideally suited to latex printers from both Hewlett Packard and Mimaki. The settings listed will help optimise print results. For more detailed advice using Kernow products with latex print systems, please contact techsupport@kernowcoatings.com

Note, if the products are not listed below, we do not recommend their use with latex inks. We may also have not tested the combination you require, so please contact techsupport@kernowcoatings.com for further advice.

Media Description	Product Description	Application	Compatibility Latex Inks	Printer Settings
Roller Banner Films				
Ultimate 180(180STL)	Matt lightblock polyester film 180µ	Roller banners, tough textured surface, eliminate the need to laminate	HP L25500/HP L26500	Printer Setting 2 Printer Setting 3a
Ultimate 230(230STL)	Matt lightblock polyester film 230µ	Roller banners, tough textured surface, eliminate the need to laminate	Yes – all latex printers	Printer Setting 3b
Supreme 225(225STVL)	Satin composite film	Roller banners, tough textured surface, eliminate the need to laminate	Yes – all latex printers/HP L25500	Printer Setting 6a
Supreme 300(300STVL)	Satin composite film	Roller banners, tough textured surface, eliminate the need to laminate	Yes – all latex printers/HP L25500	Printer Setting 6b
Classic Matt 165(165SML)	Matt lightblock polyester film 165µ	Roller banners, laminated	Yes – all latex printers	Printer Setting 1
Pop-Up Films				
Ultimate 385(385STL)	Matt lightblock polyester film 385µ	Pop-up displays, eliminate the need to laminate	Yes – all latex printers	Printer Setting 3b
Supreme 500(500STVL)	Satin composite film	Pop-up displays, laminated	Yes – all latex printers HP L25500	Printer Setting 6c
Classic Matt 290(290SML)	Matt lightblock polyester film 295µ	Pop-up displays, laminated	Yes – all latex printers	Printer Setting 1a
Speciality Products				
Floor-in-One(225STFG)	Woven PVC floor and wall graphic 225µ	Eliminate the need to laminate, R12 slip and B1 fire certificated	Yes – all latex printers	Printer Setting 3c
Opaline Matt 215(215SMB)	Matt night/day polyester backlit film 215µ	The best backlit combination of film and inks on the market	Yes – all latex printers	Printer Setting 5
Verso 195(195SMSD)	Matt, double-sided polyester film 195µ, with 100% lightblock centre	Double-sided displays, window graphics, bus window graphics	Larger HP models and Mimaki JV-400 only	Printer Setting 2
Klearview 142(142SGC)	Glossy, glass-clear film, 142µ	Clear film for separations, overlays and specialist displays	Yes – all latex printers	Printer Setting 3
Evolon 365SSE(365SSE)	Non-woven lightweight banner fabric, light sheen surface	Hanging and roller banner displays, greener alternative to PVC	Yes – all latex printers	Printer Setting 4

Printer Settings

To get the best results, select the generic setting suggested, save in the RIP as a copy e.g.in Media Manager in Onyx, then make the suggested adjustments to the generic profile to optimise the results and save as a Kernow-specific profile.

Printer Settings	Generic Setting	Dry	Cure	Ink Level	No. Passes	Vacuum	Input	Drying Power	Air Flow	OMAS
Printer Setting 1 – matt films	HP photorealistic poster paper	53	76	Standard	12-pass bi-directional	30	15	0.4	35	Off
Printer Setting 1a – matt films	HP photorealistic poster paper	53	85	Standard	12-pass bi-directional	30	15	0.4	35	Off
Printer Setting 2 – textured films	HP photorealistic poster paper	55	78	Standard	16-pass bi-directional	30	15	0.4	20	Off
Printer Setting 3 – Matt backlit films	Backlit film	55	76	High	20-pass bi-directional	25	15	0.4	20	On
Printer Setting 3a Glossy & textured films	Backlit film	55	78	Low	16-pass bi-directional	25	15	0.4	30	Off
Printer Setting 3b – mid-gauge textured films	HP photorealistic poster paper	53	85	Low	16-pass bi-directional	25	15	0.4	35	Off
Printer Setting 3c – heavy gauge textured films	Backlit film	55	90	Low	16-pass bi-directional	25	15	0.4	30	Off
Printer Setting 4 – Evolon fabrics	Tyvek	55	100	High	12-pass bi-directional	25	15	0.4	30	On
Printer Setting 5 – PVC floor graphic	Glossy Vinyl Banner	55	90	High	12-pass bi-directional	20	15	0.8	45	Off
Printer Setting 6 a Supreme 225	HP Air Release Glossy Vinyl	55	83	Standard	16-pass bi-directional	15	15	0.8	40	Off
Printer Setting 6 b Supreme 300	HP Air Release Glossy Vinyl	55	86	Standard	16-pass bi-directional	15	15	0.8	40	Off
Printer Setting 6 c Supreme 500	HP Air Release Glossy Vinyl	55	88	Standard	16-pass bi-directional	20	15	0.8	40	Off

Supreme 300

HP Air Release Glossy Vinyl/12 –pass (16-pass improves very large areas of black)/Dry 55°C/Cure 86°C/Vac 15%/Input tension 15/Airflow 40

Supreme 225

HP Air release Glossy Vinyl/12 –pass /(16-pass improves very large areas of black and lay flat on 225 gauge)/Dry 55°C/Cure 83°C/Vac 15%/Input tension 15/Airflow 40