



KODAK NEXPRESS SUBSTRATE EXPANSION KIT

Expand your capabilities

Differentiate your services with high value print

The demand for short-run, customized products printed on thicker paper and synthetic substrates is growing. With the KODAK NEXPRESS Substrate Expansion Kit, you'll be able to meet that demand with a digital solution that delivers the print quality your customers require at an extremely attractive cost structure.

An optional upgrade for KODAK NEXPRESS Digital Production Presses, the Substrate Expansion Kit enables printing on paperboard substrates up to 24 points (610 microns), and synthetics up to 14 mil. Upgraded hardware and the newest Digital Front End software—System 17—are required.

More applications, more revenue potential

The ability to print on thicker substrates opens a world of opportunities for commercial and packaging printers:

- Unique business documents that impress
- Eye-catching retail end-cap signage, transparent clings and clothing tags
- Cost-effective short-run packaging and small folding cartons, including prototypes
- Hospitality pieces, such as menus, door hangers, signage, tent cards and magnets

Add value with unique capabilities

KODAK NEXPRESS Fifth Imaging Unit solutions offer even more potential to produce print that stands out from the crowd. This innovative family of specialty inks and finishes delivers digital print enhancements that print buyers are looking for, including clear, opaque white, gold and dimensional clear dry ink.

The NEXPRESS Press also has a longer sheet capability than other digital presses on the market, printing sheets of thicker substrates up to 28 inches (711 mm) in length.

Load balance for maximum efficiency

No-compromise quality and industry-leading productivity mean that you'll be able to load balance for maximum productivity:

- Shift short run work from offset presses typically used to print on thicker substrates, to economically enhance productivity
- Move higher volume jobs off grand format devices for faster turnaround and lower cost.

One press does it all

The NEXPRESS Substrate Expansion Kit is the latest innovation for a flexible, versatile digital press platform that just gets better with time. Expand opportunities and minimize risk with the modular NEXPRESS Digital Production Color Platform.



KODAK NEXPRESS

SUBSTRATE EXPANSION KIT

General information					
Press compatibility	KODAK NEXPRESS S2100, S2500 and S3000 Digital Production Color Presses KODAK NEXPRESS SE2500, SE3300 and SE3600 Digital Production Color Presses KODAK NEXPRESS SX2700, SX3300, SC3900 Digital Production Color Presses KODAK NEXPRESS ZX3300 and ZX3900 Digital Production Color Presses				
Front end software	KODAK NEXPRESS System Software 17 (required)				
Substrate specifications					
Synthetic substrate type*	Current maximum thickness without Expansion Kit		Current maximum thickness with Expansion Kit		
Polyester (PET)	8 mil (203 µm)		14 mil (356 µm)		
Rigid vinyl (PVC)	6 mil (152 µm)		12.4 mil (315 µm)		
Polypropylene (PP)	5 mil (127 µm)		10 mil (254 µm)		
Polystyrene (PS)	5 mil (127 µm)		10 mil (254 µm)		
	1 mil = 1 point = 1/1000ths of an inch or 25.4 microns Synthetic substrates should be printed on one side only.				
Substrate characteristics	Standard substrate range up to 18 pt (350 gsm)			Paperboard substrate range 18 pt (350 gsm) - 24 pt (530 gsm)	
	Simplex	Auto-duplex		Simplex	Auto-duplex
Maximum weight	350 gsm	350 gsm	250 gsm	530 gsm	Not supported
Maximum caliper	18 mil/pt (457 µm)	18 mil/pt (356 µm)	8 mil/pt (203 µm)	24 mil/pt (610 µm)	
Minimum sheet width	11.0 in. (279 mm)	11.0 in. (279 mm)	11.0 in. (279 mm)	11.0 in. (279 mm)	
Maximum sheet width	14.0 in. (356 mm)	14.0 in. (356 mm)	14.0 in. (356 mm)	14.0 in. (356 mm)	
Minimum sheet length	7.9 in. (200 mm)	7.9 in. (200 mm)	7.9 in. (200 mm)	10.2 in. (258 mm)	
Maximum sheet length	39.4 in. (1000 mm)	24.0 in. (610 mm)	26.0 in. (660 mm)	28.0 in. (711 mm)**	
Input feed	Internal paper supplies			TPF-550 Long Sheet Deep Pile Feeder by BDT is required; Baum and Roll Feeder are not recommended	
Output feed	To proof tray or to open output (such as a Multigraf stacker)				
Relative humidity	30% - 60%				
Temperature	Very close to 20°C (68°F)				

* A select number of materials have been tested by Kodak to establish recommended press set ups and front end scripts. Visit www.kodak.com/go/nxpsubstrates to see test results.

** Sheets longer than 28 inches (711 mm) may exhibit artifacts based on the image and material characteristics, and should be tested by the customer to determine suitability.

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