



KODAK TRILLIAN SP THERMAL PLATES

Outstanding productivity and performance

Better for your business, better for the planet

Commercial printers face competitive pressures to improve efficiency and reduce turnaround time, while increasing consistency and quality. KODAK TRILLIAN SP Thermal Plates help printers meet these challenges with an impressive combination of outstanding productivity and performance, low total cost of use and reduced environmental impact when compared to typical digital processed plates in the market today.

TRILLIAN SP Plates feature a proprietary negative working coating that provides high productivity, strong resolution, excellent chemical resistance and image durability without the need for post baking. TRILLIAN SP Plates deliver sharp detail and stability for short and long run AM and FM applications, for up to 500,000 impressions, even in harsh chemical environments. They are ideal for a variety of applications, including small and large commercial sheetfed and commercial publication (book) applications and certain heatset web, offset packaging and UV print applications.

Exceptional productivity and efficiency

TRILLIAN SP Plates offer extremely fast processing speeds, and removing preheating and potentially postbaking improves turnaround time and the overall efficiency of the plate making process.

Press makereadies are extremely efficient with TRILLIAN SP Plates, minimizing paper and ink waste. In addition, wide latitude and stability on press mean you spend less time overseeing the process and adjusting for variations.

Reduce total cost of use

Utilizing up to 70% less chemistry* than previous plate systems, TRILLIAN SP Plates significantly reduce chemistry, storage and disposal costs. TRILLIAN SP Plates use a low replenishment plate solution that delivers long processing cycles and reduces overall chemistry consumption and generated waste, helping printers to minimize their environmental impact while reducing their costs.

* Based upon application demand and processing throughput on a daily basis, chemical savings of up to 70% may be noticed.



KODAK TRILLIAN SP

THERMAL PLATES

Technical specifications	
Plate	Non-ablative, negative working, thermal digital plate with wide operating latitude; for long runs and resistance to aggressive press chemistry
Application	A variety of small and large commercial sheetfed and commercial publication (book) applications and certain heatset web, offset packaging and UV print applications
Substrate	Electrochemically grained and anodized aluminium substrate
Gauge	0.15, 0.20, 0.30 available as standard Check with your local supplier of products from Kodak for availability and other gauges available.
Spectral sensitivity	800 - 850 nm
Platesetter compatibility	Recommended: KODAK MAGNUS and KODAK TRENDSETTER Platesetters Other compatible platesetters: Heidelberg Topsetter and Suprasetter Platesetters, Luscher Xpose! Platesetters and certain Screen Platesetters. For specific information contact your local Kodak representative.
Laser energy required	85 - 120 mJ/cm ² Dependent on imager type, configuration and resolution.
Resolution	1 - 98% @ 300 lpi Dependent upon capability of imaging device. KODAK SQUARESPOT Imaging Technology devices recommended.
FM capability	20-micron stochastic Dependent upon imaging device capabilities and screening algorithms. For optimum FM performance, Kodak recommends KODAK STACCATO Screening on KODAK SQUARESPOT Imaging Technology Devices.
Processors	Recommended: KODAK T1 and T-HDX Plate Processors Certain processors may not be available in certain regions. For other approved processors, please contact your local supplier of products from Kodak.
Processing solution	KODAK SP500 Plate Solution
Run length	Up to 500,000 impressions unbaked Up to 125,000 impressions for UV applications Dependent upon image resolution, press, press chemical, ink and paper conditions. Post baking provides extended run length.
Safelight	Up to 1 hour under standard office lighting; up to 4 hours is possible under Encapsulite C20 UV-cut and up to 6 hours for G10 Yellow safelights

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