

# Kodak

## Trillian SP

### Thermal Plates

#### 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, significantly lower total cost of use and reduced environmental impact when compared with 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, with 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.

\* based upon customer application and press conditions

#### Reduce total cost of use

Not only do **Trillian SP Plates** eliminate the need for preheat ovens, this revolutionary plate enables simplified processing in an easily maintained system and delivers rock-solid stability and extremely wide operating latitude.

Utilizing up to 70% less chemistry\* than previous plate systems, **Trillian SP Plates** significantly reduce chemistry, storage and disposal costs. Compatible with most legacy **Kodak Plate Processors**, **Trillian SP Plates** use a low replenishment plate solution that delivers significantly longer processing cycles, reduces overall chemistry consumption and generated waste, helping printers to minimize their environmental impact while reducing their costs.

These characteristics, combined with the plates' fast imaging speed and high-quality, consistent performance in the pressroom, drive notably reduced total cost of use.

#### A legacy and future of innovation

Kodak is a world leader in digital plates and CTP solutions. We invented thermal CTP technology in 1995 and have been committed to delivering innovative digital plate solutions ever since.



### Low Chemistry

KODAK TRILLIAN SP Plates use up to 70% less chemistry than previous plate systems from Kodak

# 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 such as UV inks and blanket washes (with optional postbake)
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 aluminum substrate
Gauge	0.15 mm, 0.20 mm, 0.30 mm, 0.40 mm standard Please contact your local supplier of products from Kodak for size and gauge availability by region.
Spectral sensitivity	800 - 850 nm
Platesetter compatibility	Recommended: <b>Kodak Trendsetter</b> and <b>Kodak Magnus</b> Platesetters Other compatible platesetters: <b>Heidelberg Topsetter</b> and <b>Suprasetter</b> Platesetters, <b>Luscher Xpose!</b> Platesetters and certain <b>Screen</b> Platesetters. For specific information contact your local Kodak representative.
Laser energy required	95 - 120 mJ/cm <sup>2</sup> Dependent on imager type, configuration and resolution.
Resolution	1% to 98% @ 300 lpi Dependent upon capability of imaging device. <b>Kodak SQUAREspot</b> Imaging Technology devices recommended.
FM capability	20-micron stochastic Dependent upon imaging device capabilities and screening algorithms. For optimum FM performance, Kodak recommends <b>Kodak Staccato</b> Screening on <b>Kodak SQUAREspot</b> Imaging Technology devices.
Processors	Recommended: <b>Kodak S</b> 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	<b>Kodak Trillian SP Neutral Plate Solution</b>
Run length	Up to 500,000 impressions unbaked Up to 100,000 impressions for UV applications Dependent upon image resolution, press, press chemical, ink and paper conditions. Post baking provides extended run length.
Safelight	Up to one hour under standard office lighting; up to 4 hours is possible under <b>Encapsulite C20</b> UV-cut and up to 6 hours for G10 Yellow safelights
Shelf life	Up to 9 months, under recommended storage conditions
Packaging	Available in standard formats



### To learn more about solutions from Kodak:

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Produced using **Kodak** Technology.

Eastman Kodak Company  
343 State Street  
Rochester, NY 14650 USA

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