



**Kodak**

Sonora XP  
Process Free Plates

THE NEW WORLD OF OFFSET

## Where profits and print quality are sustainable

### Do what's right for the environment ... and for your business

You no longer have to make a choice between the environment and profitability when selecting a plate. **Kodak Sonora XP Process Free Plates** eliminate processing and chemistry from plate making, and they deliver the quality, productivity, and print capabilities your business needs to be successful.

### Free yourself from processors and chemistry forever

Imagine removing the burdens of maintaining and running a processor while achieving better process control from eliminating all processing variables. **Sonora XP Plates** use Kodak's press ready technology to make process free plate making a reality. Just image, mount, and print.

### Mainstream print production

**Sonora XP Plates** are unlike any other plate. They offer the cost and waste reduction benefits of process free plates, plus they deliver the quality, productivity, and print capabilities of mainstream processed plates. Not only can they satisfy the needs of commercial sheetfed print production, they also deliver strong print performance on commercial heatset and coldset web presses, in offset packaging applications, and even in short run UV. They're also available in 0.40 mm gauge and VLF size formats, making them suitable for a wide range of applications.

### Enhance your productivity through streamlined plate making

Shorten plate making cycles by streamlining your production. With **Sonora XP Plates**, fast imaging speeds combined with the additional time and consistency gained from not processing plates deliver the enhanced productivity you need to increase efficiency and reduce the risk of press downtime.

### Free to be more sustainable

Whether your goal is to be compliant or to position yourself as an environmental leader, **Kodak Sonora XP Plates** can help both in prepress and in the pressroom. **Sonora XP Plates** not only enable you to remove chemistry, water, energy and waste from plate making but they are capable of printing with recycled paper and board-stock, and IPA free founts often used to produce "greener" print.

### Improved process free plate making

Thousands of printers worldwide are already experiencing the benefits of eliminating processing with **Kodak Thermal Direct Non Process Plates**. New **Sonora XP Plates** deliver those same benefits plus faster imaging, higher AM and FM screening capabilities, stronger plate image contrast and expanded print capabilities.

### Free to be the printer you want to be

**Sonora XP Plates** deliver both reductions in operating costs and environmental impact while letting you differentiate your print. With mainstream productivity, quality and run length capability, the only things you have to lose with **Sonora XP Plates** are your processor and chemistry.



# Kodak Sonora XP Process Free Plates

## Technical specifications

Plate	Non ablative, thermal, negative working (write-the-image) plate incorporating Kodak's press ready technology
Application	High quality, short to medium run sheetfed, heatset web, offset packaging (non UV) and short run UV applications
Substrate	Electrochemically grained and anodized aluminum substrate
Gauge	0.15 mm, 0.20 mm, 0.30 mm, and 0.40 mm availability in selected regions 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> , <b>Magnus</b> , and <b>Achieve</b> Platesetters Select <b>Screen</b> and <b>Heidelberg</b> Platesetters also compatible. Please contact your local Kodak representative or partner for qualification of specific platesetter makes and models.
Laser energy required	150 mJ/cm <sup>2</sup> on <b>Kodak</b> Platesetters with <b>Kodak SQUAREspot</b> Imaging Technology 175 mJ/cm <sup>2</sup> on <b>Kodak Achieve</b> Platesetters Dependent on imager type, configuration and resolution.
Resolution	1 to 99% @ 200 lpi Dependent upon capability of imaging device.
FM capability	20-micron stochastic Dependent upon imaging device capabilities, print applications, and screening algorithms. For optimum FM performance, Kodak recommends <b>Kodak Staccato</b> Screening on <b>Kodak SQUAREspot</b> Imaging Technology Devices.
Run length	<ul style="list-style-type: none"><li>Up to 200,000 impressions with heatset/commercial coldset web presses</li><li>Up to 100,000 impressions with sheetfed presses</li><li>Up to 50,000 impressions for offset packaging (non UV)</li><li>Up to 10,000 impressions for UV-ink applications</li></ul> Dependent upon image resolution, press, press chemistry, ink and paper conditions. 20-micron stochastic will reduce run lengths.
Safelight	The plate can be handled before and after imaging safely for: <ul style="list-style-type: none"><li>Up to 1 hour under white light</li><li>Up to 8 hours under C20 - UV Cut</li><li>Up to 24 hours under G-10 yellow light</li></ul> Safelight limits @ 800 Lux
Shelf life	12 months, under recommended storage conditions
Packaging	Available in all standard formats including bulk packaging and <b>Kodak</b> Automatic Pallet Loader (APL) configurations

### To learn more about solutions from Kodak:

Visit [graphics.kodak.com](http://graphics.kodak.com)

Produced using **Kodak** Technology.

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U.PC.148.0613.en.03

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