

# Kodak

## Sonora XP

### Process Free Plates



#### 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. How different would your operation be without having to consume and dispose of chemistry? New **Kodak Sonora XP** Process Free Plates using Kodak's press ready technology make process free plate making a reality. Just image, mount, and print.

#### 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.

#### Mainstream print production

**Sonora XP** Plates not only offer the productivity and quality required for mainstream commercial sheetfed print production, but they also break free from the current class of plates with their strong print performance on commercial heatset and coldset web presses, in offset packaging applications and even in short run UV. This capability, combined with availability of 0.40 mm gauge and VLF size formats, puts **Sonora XP** Plates in a category by themselves.

#### 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 in both prepress and in the pressroom. **Sonora XP** Plates enable you not only to remove chemistry, water, energy, waste and VOCs from plate making but they are capable of printing with recycled paper and board-stock, soy based inks and IPA free founts often used to produce "greener" print.

#### Improved process free plate making

Thousands of printers worldwide are already experiencing the combined benefits of both reduced operational costs and environmental impact 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. So whether you're an existing **Thermal Direct** Plate customer switching to **Sonora XP** Plates, or you're process free for the first time, you'll see the difference.

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

With shorter run lengths and increasing operational and material costs, printers are facing tough decisions to maintain ever narrowing profits. Fortunately, **Sonora XP** Plates deliver both reductions in operating costs and environmental impact while letting you differentiate your print through excellent FM capability. 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> and <b>Kodak Magnus</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 SQUAREspot</b> Imaging Technology Devices 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 D65 white light</li><li>Up to 3 hours under D50 white light</li><li>Up to 6 hours under D40 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.

Eastman Kodak Company  
343 State Street  
Rochester, NY 14650 USA

©Kodak, 2012. Kodak, Magnus, SQUAREspot, Sonora, Staccato, Thermal Direct and Trendsetter are trademarks of Kodak.

Subject to technical change without notice.

U.PC.148.0312.en.01



## Process Free

KODAK SONORA XP Plates completely eliminate processing equipment and chemistry

# Kodak

**YELLOW** CHANGES EVERYTHING