



KODAK SONORA X PROCESS FREE PLATES

The plate you've been waiting for

Now up to 80% of offset printers can go process free

SONORA X Plates are unlike any other process free plate available today. A new technology breakthrough combines the performance features of wet processed plates with Kodak's market-leading process free technology, and the result is a plate with run length, imaging speed, robustness, and resolution capabilities that rival processed plates.

The future is green

Position your company as an environmental leader as you save water, reduce energy usage, and eliminate processing chemistry. SONORA X Plates are true process free plates, so you can take them straight from the platesetter to the press, with no processing step in between. You remove processing costs and waste, free up floorspace and eliminate the processing variability that can waste time and money in the pressroom.

Longest running process free plate

SONORA X Plates can replace unbaked wet processed plates in most applications, with run lengths of up to 400,000 impressions on web presses, 200,000 impressions on sheetfed presses, and even up to 75,000 impressions for UV-ink applications, including low-energy UV.

Productivity, print quality, and robustness

With laser energy required of 120 mJ/cm² SONORA X Plates enable almost all platesetters to run at maximum productivity and, with no processing step, making plates is faster than ever. Your customers will appreciate that you are using a more sustainable plate, and they will love the print quality they're getting, thanks to the high-resolution capabilities and robust design of SONORA X Plates.

Leading the process free revolution

Kodak is, and always has been, the leader in process free plate technology, and with SONORA X Plates, we are helping printers become more sustainable and profitable.

SONORA! **CAN PRINT THAT!**

You might be surprised to see what our customers are printing with SONORA Plates ... which is just about anything.

- Offset packaging (including food packaging)
- UV and low-energy UV print
- Heatset and coldset web applications
- High-quality commercial print
- VLF applications

And more . . .



KODAK SONORA X

PROCESS FREE PLATES

Technical specifications

Plate	Non-ablative, thermal, negative-working (write-the-image) process free plate. No debris removal system required.									
Application	High-quality, long-run plate for sheetfed, packaging, web and all UV print applications									
Substrate	Electrochemically grained and anodised aluminium substrate									
Gauge	0.15, 0.20, 0.30, and 0.40 mm									
Spectral sensitivity	800 – 850 nm									
Platesetter compatibility	Recommended: KODAK TRENDSETTER, MAGNUS, and ACHIEVE Platesetters. SONORA X Plates are compatible with platesetters from all major suppliers.									
Laser energy required	120 mJ/cm ² on KODAK Platesetters with KODAK SQUARESPOT Imaging Technology. Provides maximum productivity on most platesetters.									
Resolution	1 to 99% @ 200 lpi and FM20 capable <i>Up to 450 lpi is possible, dependent upon capability of imaging device.</i>									
Run length	<ul style="list-style-type: none"> • Up to 400,000 impressions with heatset / commercial coldset web presses • Up to 200,000 impressions with sheetfed presses • Up to 100,000 impressions for offset packaging (non-UV ink) • Up to 75,000 impressions for UV-ink applications <i>Dependent upon image resolution, press, press chemistry, ink and paper conditions.</i>									
Safelight @400 Lux	<table style="width: 100%; border: none;"> <tr> <td style="width: 30%;">White</td> <td style="width: 10%; text-align: center;">=</td> <td style="width: 60%;">2 hours</td> </tr> <tr> <td>C20 UV-cut</td> <td style="text-align: center;">=</td> <td>16 hours</td> </tr> <tr> <td>G10 Yellow</td> <td style="text-align: center;">=</td> <td>48 hours</td> </tr> </table>	White	=	2 hours	C20 UV-cut	=	16 hours	G10 Yellow	=	48 hours
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