KODAK SONORA Ultra & UltraXR
PROCESS FREE PLATES

See the difference

Process Free Performance, Elevated Again.

Now even the most demanding print operation can go process free.

DECADES OF INNOVATION

For more than 20 years, Kodak has advanced process-free plate technology. From the pioneering Thermal Direct Plate to the breakthrough SONORA Ultra and now the new SONORA UltraXR, Kodak is pushing the limits of performance boundaries. Today, more than 6,000 printers worldwide use SONORA Plates in diverse and demanding conditions for their sheet-fed and web-fed operations.

Image SONORA Ultra & UltraXR Plates

UP TO SIX WEEKS IN ADVANCE

when stored in the dark

ULTRA CONTRAST AND LIGHT RESISTANT

SONORA Ultra & UltraXR Plates boast the highest image contrast in the SONORA line. Up to 4x stronger than competitors' process free plates, it's easy to see even the smallest image details. SONORA Ultra & UltraXR can also be imaged up to six weeks in advance, helping to increase your flexibility and productivity.

SONORA Ultra & UltraXR Plates

4X STRONGER CONTRAST

than competitors' process free plates

PLATES ROBUST ENOUGH FOR **ANY PRINT ENVIRONMENT**

ULTRA QUICK

SONORA Plates are quick enough for the fastest platesetters, so you can get more out of your existing equipment, or you can upgrade your CTP to get to press even faster. With the T-speed KODAK MAGNUS Q800 Platesetter, you can image up to 84 SONORA Plates per hour.

ULTRA TOUGH

A tougher substrate and more durable coating make SONORA Plates robust enough for just about any print environment. And thanks to SONORA's enhanced scratch and scuff resistance, you can keep the presses running with no slowdowns.

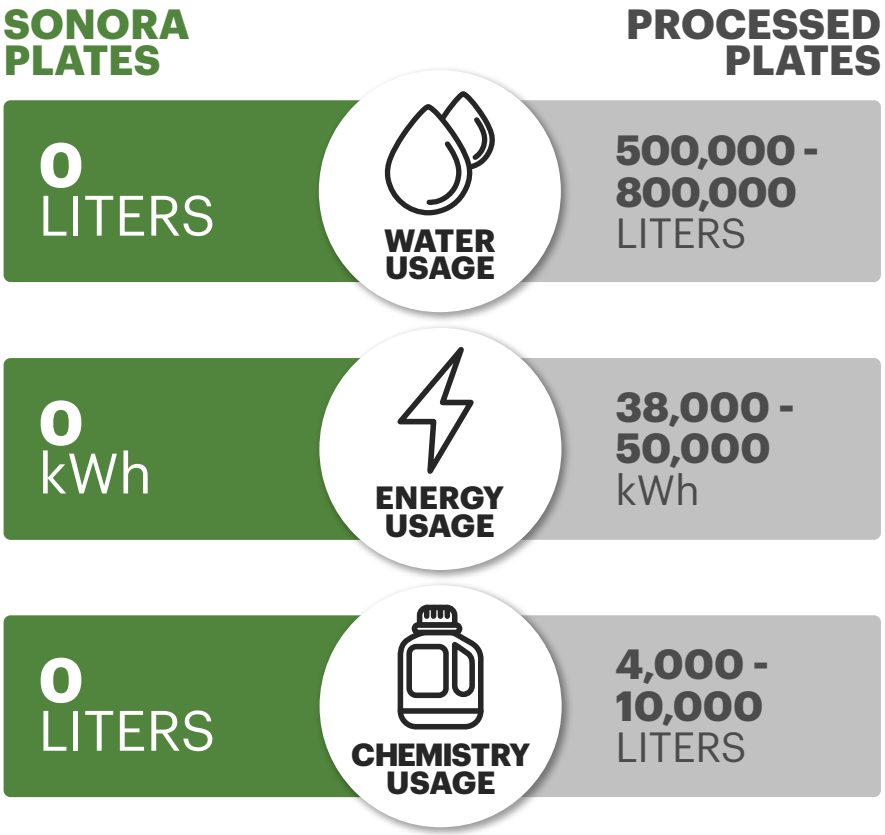
ULTRA LONG RUNS

SONORA Ultra & UltraXR Plates meet the needs of most printers currently using unbaked processed plates – with run lengths of up to 400,000 impressions on web presses, 250,000 impressions on sheetfed presses, and 115,000 impressions for UV-ink applications.

IMAGE UP TO
84 SONORA PLATES
PER HOUR WITH THE KODAK MAGNUS Q800 PLATESETTER WITH T-SPEED

KODAK SONORA
Process Free Plates

Average Water, Energy, and Chemistry Usage in Prepress (annually) for a printer making 50,000 m^2 of



REDUCE WASTE FOR COST AND ENVIRONMENTAL SAVINGS

BECAUSE LESS IS SO MUCH MORE

By eliminating the need for chemicals, water, and electricity from processing, SONORA Plates help you reduce environmental waste, meet local regulatory requirements, and appeal to customers concerned about sustainability.

LESS WATER

SONORA Plates help printers do their part by completely eliminating the water used in prepress

- No water to rinse the plate in a plate processor
- No water to mix concentrated chemistry
- No water to dilute your finishing gum
- No water to clean the plate processor or clean-out unit

KODAK SONORA
Process Free Plates

LESS ENERGY

When processing plates, thermal plate processors use on average 3.15 kWh for small units and 4.5 for larger devices. SONORA Plates eliminate plate processing and baking, saving energy.

LESS WASTE

SONORA Plates eliminate all processing chemistry, including all the hassles and costs of handling, shipping, storage, and disposal.

SAVE COSTS TOO

Reducing waste in the pressroom is an enormous opportunity for savings. With SONORA Ultra & UltraXR, you save time, paper, and money in the pressroom with faster makereadies and greater dot stability. And no more plate processing means no more waste or press downtime because of plate processing defects.

For small printers, savings in the pressroom can be double the total prepress savings, and for the largest printers, pressroom benefits can increase savings by a factor of 9.

Less impact. Less water. Less energy. Less waste. Safer for people and the planet, and good for business.

EASY TRANSITION

Upgrading to SONORA Plates is easy. You don't need to set up a processor, change your workflow, or add any new CTP equipment.

ELIMINATE YOUR PROCESSOR

Save space in your plant and eliminate the cost and safety concerns of maintaining a plate processor.

KODAK SONORA Ultra & UltraXR Process Free Plates

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
Spectral sensitivity	800 – 850 nm
Platesetter compatibility	Recommended: KODAK TRENDSETTER, MAGNUS, and ACHIEVE Platesetters SONORA Ultra & UltraXR Plates are compatible with platesetters from all major suppliers
Laser energy required	90 to 120 mJ/cm^2 depending on platesetter Provides maximum productivity on most platesetters
Resolution	1 to 99% @ 200 lpi and FM20 capable Up to 450 lpi is possible, dependent upon capability of imaging device

	SONORA Ultra	**SONORA UltraXR**
Safelight *@400Lux*		
White	10 hours	10 hours
Yellow	8 hours	8 hours
	Direct sunlight must be avoided. LED is preferred over fluorescent and day light	
Run length*		
Heatset/coldset web presses (impressions)	up to 400,000	up to 400,000
Sheetfed presses (impressions)	up to 250,000	up to 250,000
Offset packaging (non-uv ink) (impressions)	up to 100,000	up to 100,000
UV-ink applications (impressions)	up to 75,000	up to 115,000
	**Dependent upon image resolution, press, press chemistry, ink and paper conditions.*	
Gauge	0.15, 0.20, 0.30, and 0.40 mm	0.30 & 0.40 mm

KODAK.COM/GO/SONORA

Eastman Kodak Company 343 State Street Rochester, NY 14650 USA. Produced using KODAK Technology.