



ZAHARA[®] ELITE NWL

FOR NARROW WEB LABEL PRINTING

The Zahara Elite NWL plate is the first and only waterless and chemistry-free printing plate for waterless narrow web label presses. It has been designed specifically for label print processes on various substrates and the use of UV-based ink types. The Zahara Elite NWL plate simplifies your platemaking by replacing processing chemistry with water.



THE LOGICAL WATERLESS PLATE ALTERNATIVE ZAHARA[®] ELITE NWL PLATES

- Chemistry-free platemaking reduces maintenance, labor, and cost
- Extremely durable waterless plate
- For narrow web label printing
- Requires only a water wash
- Images in 830nm CTP systems at fastest-rated output speed
- Solvent and scratch resistant
- UV compatible
- Excellent ink roll-up and solid densities
- High image contrast for visual inspection
- 300 lpi screening



SMARTER WAY TO PRINT WATERLESS

Label printers using waterless offset technology already experience certain sustainability and print quality benefits. With waterless offset, sharpness, color consistency and dot gain are better due to no dampening system. Some label printers may even differentiate their business by appealing to quality and environmentally conscious customers.

CHEMISTRY-FREE HIGH PERFORMANCE PLATE

Scratch resistant right out of the box and no cover film to remove, Zahara Elite NWL images up to 300 lpi in standard 830nm thermal CTP systems at the imager's rated throughput speeds. Its high image contrast allows for easier inspection than other waterless plates.

CONVENIENT FEATURES

Robust waterless printing plate requiring only a simple water rinse after imaging. You have the flexibility of imaging, rinsing and then putting aside Zahara Elite NWL plates well in advance of mounting them on press without worries of degradation. This is just another way that Verico's Eco-friendly printing solutions enable businesses to focus more on producing exceptional printed products.

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Technical Specifications

Plate Type	Non-ablative, thermal, negative working, waterless plate
Substrate	Aluminum
Interleaf Material	Paper
Plate Sizes	Common press sizes are available
Plate Thickness	.15mm, .20 mm and .30mm (.006", .008" and .012")
Run Length¹	Up to 100,000 impressions on plastics and coated/uncoated paper Up to 50,000 impressions with UV-Inks
Spectral Sensitivity	Thermal lasers, 830 nm
Imaging Resolution	2400/2540 dpi , AM resolution, 1-99% at 300 lpi (120 l/cm) , FM screening 1-99% , Cross-modulated screening 1-99%
Light Sensitivity	Full daylight handling & operation up to 4 hours
Storage	Up to 24 months
Processing²	Chemistry-free—No processing other than cleaning with water after imaging in Zahara Eco-Kleen rinse unit
Operating Environment	Daylight, 40-60% RH, 60-70°F (16-24°C)

¹ Actual run lengths may vary according to press, ink, and paper conditions

² Requires the use of a qualified washer for cleaning. Your current processor may qualify

