

Zahara[®] NWL

Chemistry-free Waterless Plate for Narrow Web Label Presses



- Extremely durable waterless plate
- For narrow web label printing
- Chemistry-free platemaking reduces maintenance, labor, cost
- Water-based processing only
- Images in 830 nm 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



The Smarter Way to Print Waterless

Label printers using waterless offset technology already experience certain sustainability and print quality benefits. With waterless offset, sharpness, colour 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.

At Presstek, we understand that sustainability, quality, efficiency and profitability goals are important. Manufactured in the United States with your goals in mind, Presstek is proud to offer Zahara NWL, a chemistry-free waterless plate for narrow web label printing. Zahara NWL truly simplifies platemaking because processing chemistry is replaced with water. This saves you time, money and extends the life of your processor.

Chemistry-Free, High Performance Plate

Scratch resistant right out of the box and no cover film to remove, Zahara 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. Post imaging, the plate is given a rinse with water only in a Zahara Eco-Kleen wash unit.



Dye solutions and harmful chemistry processing are unnecessary as is spending valuable time maintaining the effects of a chemistry-based processor. We designed a chemistry-free waterless plate that will allow you to focus more on fine label production rather than complex platemaking or chemistry variables.

Ease-of-use benefits are extended even further— Zahara NWL is UV compatible, achieves excellent ink roll-up, solid ink densities and sharp, well defined hard-edged halftone dots that will please your operators as well as your most discerning customers.

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CHEMISTRY-FREE WATERLESS PLATE
FOR NARROW WEB LABEL PRESSES

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PRESSTEK
A SMARTER WAY TO PRINT



More Convenient Features

Zahara NWL for narrow web label printers is a robust waterless printing plate requiring only a simple water rinse after imaging. Your existing processor may even qualify (ask our technical staff for details). Another convenient benefit of Zahara NWL is the ability to pre-image plates for later use. You have the flexibility of imaging, rinsing and then putting aside Zahara NWL plates well in advance of mounting them on press without worries of degradation. This is just another way that Presstek eco-friendly printing solutions enable businesses to focus more on producing exceptional printed products.

Simple water rinse in the Zahara Eco-Kleen wash unit eliminates chemistry-processing!



Zahara NWL Plate Specifications

| | |
|------------------------------|--|
| Plate Type | Waterless, negative working |
| Substrate | Aluminium |
| Plate Sizes ¹ | Common press sizes are available |
| Plate Thickness ² | .006", .008" and .012" (.15mm, .20mm and .30mm) |
| Run Length ³ | Up to 100,000 impressions |
| Spectral Sensitivity | Thermal diode lasers, 830 nm |
| Imaging Resolution | up to 300 lpi screening |
| Light Sensitivity | Full daylight handling and operation up to 4 hours |
| Storage and Reuse | Up to 18 months |
| Processing ⁴ | 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) |



Contact us to learn more about Presstek's eco-friendly printing solutions.

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^{1,2} Not all sizes available in all thicknesses. Contact Presstek for availability. Special sizes and gauge thicknesses are also available.

³ Actual run lengths may vary according to press, ink and paper conditions.

⁴ Requires the use of a qualified washer for cleaning. Your current processor may qualify. Product specifications are subject to change.

