

# WATERLESS OFFSET PRINTING



Digital thermal waterless printing plate

Delivers outstanding stability in Medium to long-run in Coldset / Heatset web offset printing

## Technical Data

Type	IMPRIMA™ WA
Feature	Non ablative, negative working, digital thermal waterless printing plate with a wavelength of 830 nm
Application	Coldset / Heatset web offset applications
Plate base	Aluminum
Gauge	0.30 mm
Available sizes	All common plate sizes
Sensitivity	80 - 90 mJ/cm <sup>2</sup> (Dependent on imager type, configuration and resolution)
Resolution @ 2.540 dpi	AM screening: 2-98% @ 175 lpi (70 l/cm) FM screening: 1-99 % with Staccato 36 Hybrid screening: 1-99 % e.g. Sublima 210
Compatibility with FM screening	36 µm
Daylight resistance	Up to 3 hours under standard safe-light conditions
Run length	Up to 180.000 - 230.000 (Dependent upon image resolution, press, press chemicals, ink and paper conditions)
Processors	Könings MW 863 S Waterless plate processor Könings MW 863 HS Waterless plate processor Heights TWP 1250 News Waterless plate processor
Processing	Step 1 - DP-1 (pre-treatment) Step 2, 3 - water: 5 <sup>0</sup> -8 <sup>0</sup> dH, 20°-25°C Step 4 - DA-1 (after-treatment)
Pre-treatment temperature	35°C +/- 1°C
Processing speed	Könings MW 863 S Waterless plate processor: 100 - 120 cm/min. Könings MW 863 HS Waterless plate processor: 140 - 180 cm/min. Heights TWP 1250 News Waterless plate processor: 140 - 180 cm/min.
Dwell time	40-50 sec.
Plate finisher	Not applicable

### Learn more about Toray Waterless Printing

Please visit: [www.imprima.toray](http://www.imprima.toray)

#### Graphics Division

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