

WATERLESS OFFSET PRINTING

High-resolution digital thermal printing plate
Delivers outstanding sharp detail and stability in Coldset/Heatset printing

Technical Data	
Type	IMPRIMA™ WB
Feature	Non ablative, negative working, digital thermal waterless printing plate with a wavelength of 830 nm
Application	High Quality, medium-runlength Coldset / Heatset web offset applications
Plate base	Aluminum
Gauge	0.30 mm
Available sizes	All common plate sizes
Sensitivity	80 - 90 mJ/cm ² <i>(Dependent on imager type, configuration and resolution)</i>
Resolution @ 2.540 dpi	AM screening: 2-98% @ 200 lpi (80 l/cm) FM screening: 1-99 % with Staccato 25 Hybrid screening: 1-99 % e.g. Sublima 240
Compatibility with FM screening	25 µm
Daylight resistance	Up to 3 hours under standard safe-light conditions
Run length	Up to 150.000 <i>(Dependent upon image resolution, press, press chemicals, ink and paper conditions)</i>
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 <i>(pre-treatment)</i> Step 2, 3 - Water: 5 ⁰ -8 ⁰ dH 20°-25°C Step 4 - DA-1 <i>(after-treatment)</i>
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

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