

# WATERLESS OFFSET PRINTING



Water Washable thermal negative CTP printing plate

Delivers outstanding sharp detail and high stability demanded for waterless printing applications

Technical Data	
Type	IMPRIMA™ MC
Feature	Non ablative, negative working, digital thermal waterless printing plate with a wavelength of 830 nm
Application	<b>Waterwashable plate</b> Developed for waterless printers who desire a washable plate with excellent unbaked durability and chemical resistance for mid level resolutions
Plate base	Aluminum
Gauge	0.15 mm, 0.24 mm, 0.30 mm
Available sizes	All common plate sizes
Sensitivity	130-230 mJ/cm <sup>2</sup> <i>(Dependent on imager type, configuration and resolution)</i>
Resolution @ 2.540 dpi	AM screening: 3-98% @ 175 lpi (70 l/cm) FM screening: 1-99 % with Staccato 36 Hybrid screening: 1-99 % e.g. Sublima 240
Compatibility with FM screening	36 µm
Daylight resistance	Up to 3 hours under standard safe-light conditions
Run length	Dependent upon image resolution, press, press chemicals, ink and paper conditions
Processors	Toray TWL 650F Waterless Plate processor Toray TWL 1160F2 Waterless Plate processor Heights TWP 680/1250 Waterless Plate processor Könings KTW 653/853 Waterless Plate processor
Processing	Step 1, 2, 3, 4 - Water: 5 <sup>0</sup> -8 <sup>0</sup> dH, 20 <sup>0</sup> -25 <sup>0</sup> C
Pre-treatment temperature	unnecessary
Processing speed	30-60 cm/min
Dwell time	Not applicable
Plate finisher	Not applicable

## Learn more about Toray Waterless Printing

Please visit: [www.toraywaterless.com/](http://www.toraywaterless.com/)

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