SET YOURSELF APART

Introducing the waterless printing plates from Toray
By eliminating the dampening solution from the printing process, a waterless printing system improves productivity, quality, while reducing the environmental footprint of the operation.
Toray's new line of waterless offset plates features many important new capabilities including long run lengths without post-heating, strong chemical resistance and super high resolution. Toray's versatile line of waterless thermal plates is suitable for use in diverse applications such as labels, CD/DVDs, fine art reproductions, security printing and newspapers. It is also ideal for printers using UV curable inks for packaging printing on non-absorbent substrates as well as for sheetfed applications and publication printing on web presses that require exceptional image quality.

It's easy to replace conventional printing plates with waterless offset printing plates in any workflow to take advantage of the benefits of waterless offset printing.

Waterless offset plates from Toray feature a layer of silicone that is applied on the surface of the plate's thermal sensitive layer. Plates are imaged using an infrared laser in a similar manner to imaging of conventional digital offset plates.

Heat passes through the silicone layer, striking the thermal sensitive layer beneath, creating the desired image. Processing removes the silicone from the imaged areas, leaving only the ink-receptive thermal layer. The remaining silicone layer in the non-image area is not ink-receptive.

Toray Waterless Offset Plate Range

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The TWP 680/1250 Toray Waterless Plate Processor leads the way in medium duty, high quality processing dedicated to the Toray Waterless Lithographic Plate. The TWP has been designed specifically to provide the optimum plate clean-out for consistent, reliable, high quality results, plate after plate.

### OPTIMUM QUALITY
Toray waterless plates offer sharper dots, higher resolution and wider color gamut than conventional offset plates.

- Lower dot gain
- Highest resolution for lenticular and FM 10 stochastic screened work
- A wider color gamut with richer, bolder colors
- Uniform print and color quality
- Superior registration
- Elimination of fan-out and paper stretch when perfecting or using lightweight stocks, caused by fountain solution

HEIGHTS (UK) LTD. has a policy of continual improvement for all its products and reserves the right to change specifications and functionality without notice.