

Guide to Toray Products

Toray Waterless CTP Plates

Toray waterless plates are negative working, non-ablative, thermal plates that utilize traditional printing presses equipped with ink temperature control systems to effectively print on paper, plastics and other substrates without dampening solutions. Toray waterless plates will produce high-resolution images with 830 nm thermal CTP devices from all major manufacturers enabling printers to reach new heights in quality.



TAC –VG5

Type	Standard CTP waterless plate for sheetfed, web printing
Resolution	300 lpi* *Dependent upon condition of image devise & processing
FM Screening	20 micron* *Dependent upon condition of image devise & processing
Sensitivity	120-150 mJ/cm ²
Exposure	830 nm Thermal CTP; Non ablative, negative working
Run length	125,000+* *Dependent upon image resolution, press, press chemical, ink and paper conditions
Inks	Compatible with oil based & UV based inks without baking
Thickness	0.15mm, 0.24 mm & 0.30mm (.006", .009" & .012")
Handling	Room Light
Processors	Toray TWL Waterless processors and comparable waterless processors from other manufacturers

* For other type of plates, please contact us.

Processors

Toray and Toray approved automatic plate processors with low-maintenance design use up to 80% less chemicals and wash water than traditional "wet" lithographic plate processors. Since chemicals such as high alkaline developers, acidic finishers and replenishing solutions are not needed, Toray waterless system will help reduce your pre-press cost and inventory low.

Toray Waterless plate automatic developing machine series

Series		TWL1160F2	TWL650F
Plate size	Max width	1160 mm	620 mm
	Min length	350 mm	300 mm
	Plate thickness	0.15 - 0.3mm (.006" - .012")	
External dimensions	Width	1690 mm	1090 mm
	Depth	2500 mm	2000 mm
	Height	1030 mm	920 mm
Weight		910 kg	350 kg