

TECHNICAL DATA SHEET

Energy Elite Thermal CTP Positive Plates

Completely resolving the shortcomings of first generation positive thermal CTP plates.

- Benefits:**
- 1) Chemical resistant to alcohol-free fountain solutions
 - 2) Low chemical consumption with no caking or harsh chemicals to clean. Simple water rinse is all that is required.
 - 3) Wide exposure and processing latitude without any significant change in printing quality.
 - 4) Extremely long runs with no baking: up to 400,000* impressions ; up to 200,000* using metallic and UV inks. Baked 800,000 -1,000,000.
 - 5) Fast roll up with stable ink/water balance and no toning on restarts.

Specifications:

Developer:	Use PSD Premium Solution in suitable processors for thermal plates
Developer temp.:	23°C ± 1°C
Development time:	30 ± 5 seconds in immersion
Replenishment rate:	120 ml/m ² . 50 ml/m ²
Antioxidant Standby:	100 ml/h. 40 ml/h.
Developer	
Replenisher:	PSD Replenisher Solution
Plate Gauges:	.006" / .008" / .012" / .016"
Coating color:	Blue
Image contrast:	High
Spectral sensitivity:	800 - 850 nm.
Energy required:	Approx. 110-130 mJ/cm ²
Screen reproduction:	1 - 99% at 450 l.p.i.
Resolution:	Up to 3200 dpi and stochastic screen

* *Dependent upon press, press chemical, ink and paper conditions.*