



Energy Elite Pro

Energy Elite Pro offers printers a plate, developed for consistent quality printing with high productivity, lower chemistry consumption and higher run length with UV inks.

Energy Elite Pro is a robust plate, suitable for a wide range of commercial and packaging applications. Energy Elite Pro can achieve runs of up to 400,000 and in harsh environments (e.g. UV and metallic inks) up to 150,000 copies without baking⁽³⁾. For even longer runs, Energy Elite Pro can be baked.

Energy Elite Pro's chemical resistance makes the use of fountain solutions for alcohol-free and alcohol reduced printing, as well as UV inks, easy, even without baking.

Compatible with all major thermal platesetters, the improved sensitivity of Energy Elite Pro ensures maximum productivity, even on the newest high speed platesetters.

The THD200 developer and THR200 replenisher, specifically designed for this next generation plate, ensures longer bath life and lower chemistry consumption. The low-maintenance processor rarely needs cleaning. When it does, standard tap water can be used, making the whole cleaning process extremely easy.

Agfa's no-bake technology

Agfa's innovative double-layer coating technology gives Energy Elite Pro its robust properties. The unique composition of the second layer, ensures high chemical resistance. As a result, Energy Elite Pro performs flawlessly in high-speed platesetters and is compatible with UV and metallic inks, even without baking. The plate's robust characteristics offer advantages on press as well. Energy Elite Pro ensures fast start-up, low dampening levels, stable ink/water balance and excellent lithographic performance on press, including fast re-start after press stops.

Durable high-quality imaging

Energy Elite Pro is office light-safe. This next-generation positive thermal plate provides durable, high-quality imaging. At 200 lpi, the innovative double-layer technology delivers 1-99% dot resolution. With FM or Sublima high-screen ruling, Energy Elite Pro always delivers exceptional quality. The new double-coating formula ensures a sharp dot throughout the run.

Long run, no-bake thermal plate

Energy Elite Pro performs consistently and dependably on press under a wide range of aggressive press conditions, without the need to post-bake. With Energy Elite Pro, Agfa continues to bring environmental benefits to new technology. With the elimination of the pre-heat and post-bake requirements of the previous generation thermal plates, combined with a reduced chemistry consumption, Energy Elite Pro significantly reduces costs and energy consumption.

PLATE SPECIFICATIONS

Sensitivity	100mJ/cm ²
Resolution	1-99% at 200 lpi. FM and Sublima 340 lpi capable
Developer/Replenisher	THD200 Developer & THR200 Replenisher
Replenishment rate	50-70mL/m ² for THR200 and 40-70 mL/hour for THR200
Substrate	High quality grained and anodised aluminium
Run length unbaked	Up to 400,000 and up to 150,000 (UV ink) Baking will improve the runlength under specific circumstances
Processors	Compatible with all major thermal plate processors

AGFA'S OPTIMISED GUMS AND PRESSROOM CHEMICALS

Plate Cleaner	ANTURA CtP Plate Cleaner
Washout Gum	ANTURA CleanGum
Machine Finisher	RC795, Unifin
Baking Gum	RC510
Desensitizing Agent	Plate Etch Plus
Fountain Solution	Energy Elite Pro is compatible with all Agfa fountain solutions
Roller and blanket washes	Energy Elite Pro is compatible with all Agfa roller & blanket washes

Not all plates are available in every region. Contact your local Agfa representative for more information.

www.agfa.com