

:Energy Elite Pro

Next generation no-bake positive thermal plate

Agfa Graphics' newest thermal positive no-bake plate.

: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.

:Energy Elite Pro

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.

Compared to :Energy Elite, new generation :Energy Elite Pro offers even more advantages:

- Speed increase of 20%, depending on plate setters
- Improved run length for UV inks
- Lower chemistry use (-20%)
- No dot loss

Plate Specifications

Sensitivity	100mJ/cm ²
Resolution	1-99% at 200 lpi. FM and :Sublima 340 lpi capable ⁽¹⁾
Developer/Replenisher	THD200 Developer & THR200 Replenisher
Replenishment rate ⁽²⁾	50-70ml/m ² for THD200 and 40-70 ml/hour for THR200
Substrate	High quality grained and anodised aluminium
Run length ⁽³⁾ 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

⁽¹⁾ depending on platesetter

⁽²⁾ depending on used processor and daily throughput

⁽³⁾ depending on press conditions and job content

Agfa Graphics' 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

A chemical passport indicating the most appropriate chemistry is available for all AGFA plates.

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