

# :Ampio

*High performance positive working thermal plate*



:Ampio uses advanced plate technology to deliver stunning print results in all print applications and unbeatable reliability across a wide range of press conditions. The plate can be exposed on any 830nm platesetter and is compatible with a wide range of plate processors.

Using state-of-the-art coating technology, :Ampio is capable of high quality reproduction as well as consistent, predictable press performance.

## **Reliable plate for the modern pressroom**

:Ampio has been created to combine the high-performance requirements of the modern pressroom with the increasing need for robust and reliable plate performance on press.

Its high contrast plate coating is engineered to deliver 1-99% at 200 LPI resolution, meaning that even the highest quality requirements are well within the capabilities of :Ampio.

A high quality grained and anodised aluminium base ensures robust press performance and stable ink/water balance. Advanced plate design means that no pre-heat is required before plate processing, and post-baking is only required where run lengths are expected to be over 100,000 impressions (or where UV conditions are used).

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## Ultimate performance

The wide-latitude working technology of this plate is a direct result of the advanced design used to create :Ampio. The highly-sensitive plate emulsion uses an aqueous alkaline developer to create razor-sharp images. :Ampio can be processed in an existing plate processor, and is also fully compatible with the :Elantrix processor range from Agfa.

## Ease of use

With :Ampio, it is easy to achieve consistently high quality results, plate after plate. This plate not only has excellent image contrast, but it also has strong chemical resistance to ensure predictable press behaviour and reliable performance. The tough coating combined with durable substrate means that :Ampio can be trusted to deliver the highest quality without compromising press performance and latitude.

### Plate Specifications

Plate type	Thermally exposed aluminium laser plate for sheet and web offset
Substrate	High quality, durable, grained and anodised aluminium
Coating	High resolution, infrared sensitive, positive acting
Gauges	0.15 mm, 0.20 mm, 0.24 mm, 0.30 mm, 0.40 mm 0.006", 0.008", 0.010", 0.012", 0.016"
Sizes	All common sheet fed and web sizes
Spectral sensitivity	830 nm, 120-150 mJ/cm <sup>2</sup>
Resolution	1-99% dot rendering at 200 lpi
Image colour	Dark blue
Processing	Conventional wet processing using standard positive-type developer
Developr dwell time	25 - 30 seconds
Temperature	26 - 28°C (79 - 82°F)
Replenishment rate	90 - 120 ml/m <sup>2</sup> , depending on use
Run length*	100,000 without post-baking, 1 million+ with baking
Lighting conditions	:Ampio plates should be stored in the original container under ambient conditions of less 25°C (77°F) and 30 - 70% relative humidity

\*Depending on press conditions and image content

### Agfa Graphics' Optimised Pressroom Chemicals

Plate Cleaner	:Antura CtP Plate Cleaner
Washout Gum	:Antura CleanGum
Deletion pen or gel	KP23 - KP010 - KP011 or KP012
Normal short term storage (max 7 days)	RC795
Baking gum	RC510
Desensitizer	PlateEtch Plus
Scratch Remover	Reviva Plate
Fountain Solutions	:Ampio is compatible with all AGFA fountain solutions
Roller and blanket washes	:Ampio is compatible with all AGFA roller and blanket washes

**A chemical passport indicating the most appropriate chemistry is available for all AGFA plates. Contact your local Agfa representative for more information.**