



NOVA AVENTUS

Dual layer positive offset plate

STABILITY AND DURABILITY ON PRESS

Nova Aventus offset plates offer the ability to keep you ahead of the competition by creating an environment for high-resolution output with the assurance of consistent results, exceptional press performance and the versatility to adapt to most printing conditions and production runs.

The Nova Aventus Plate offers flexibility and can be used in commercial, offset packaging, web, publications, books and UV or LED UV printing applications.

SUPERIOR QUALITY AND EFFICIENCY

Nova Aventus offset plates produce exceptionally sharp detail and stability. The hard point ensures stable printing resulting in fewer remakes during the production run. Fast exposure and image processing maximize productivity of the entire prepress system. They offer an exceptional combination of quality, stability, productivity, consistency and durability, making them an excellent choice for high-value commercial and publication printing - from the shortest to the longest Print production runs.

GROW WITH CONFIDENCE

With premium features such as: high-resolution, short exposure times and long unbaked runs, you can deliver the quality your customers expect on time and on budget. Nova Aventus can also reduce operating costs by using the plates unbaked whilst also reducing waste as a result of damaged plates.

By using the Nova Aventus offset plate, you have a distinct advantage over your competitors.

Nova Universal Eco-2

UNIVERSAL CHEMISTRY

With the Nova Universal Eco-2 chemistry solution, you obtain all the proven features of the Nova Aventus offset plate combined with low use of the developer and a bath life of up to 9.000-10.000 m² and all without purchasing a new plate processing machine.

Press make ready's are extremely efficient with these premium plates because the waste of paper and ink is minimized whilst still maintaining a wide tolerance on press.



PROVEN QUALITY

Many a renowned printing company has gone before you, the Nova Aventus offset plates have a proven track record in the industry.

Behind the Nova Aventus offset plate is a team of specialists offering support both in the lab and also in the field.

If you would like to receive more information, please contact us and let us convince you about the quality of this offset plate which is available to you at a very affordable price.

Technical specifications

Plate	Non-ablative, positive-acting thermal (double layer) Plate with exceptionally strong resistance to press chemicals, including UV; excellent physical processing properties without compromising productivity, resolution or processing performance.
Application	High print runs (without without baking) and UV applications
Plate substrate	Electrochemically grained and anodized aluminum
Plate thickness	0,15 - 0,20 - 0,30 - 0,40 mm
Spectral sensitivity	830 nm
CTP compatibility	All common thermal platesetters
Laserpower	110 - 120 mJ/cm ²
Resolution	1 - 99% @ 400 lpi
FM	20 micron.
Processors	All common last generation processors
Nova Chemistry	Nova Universal Eco-2 Developer and Nova Universal Eco-2 Replenisher
Light sensitivity	Insensitive, can be used in daylight
Print runs	<ul style="list-style-type: none"> • Print runs up to 400.000 prints* • Print runs up to 150.000 prints with UV or LED UV* • Can be baked in for higher abrasion resistance and high press runs

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

NOVA UNIVERSAL ECO-2

Features	<ul style="list-style-type: none"> • Very low replenishment required • Development temperature ± 23 degrees and development time ± 25 seconds. • Offers controlled conductivity • Average life span of developing bath 9.000-10.000m² or 2,5 months. • Adaptable for use in most Plate processors (with or without a brush roller in the developing section).
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