

:Aluva N

A robust, multi-purpose high speed negative plate for Lüscher UV-setters



A product of Agfa's unique plate manufacturing technology, :Aluva N integrates seamlessly with UV computer-to-plate systems produced by Lüscher. The plate can be used for a variety of applications, from the largest commercial web house to the smallest sheet fed printer.

Designed for UV-plate technology

:Aluva N builds on Agfa's experience and market leadership in analog and digital plate technology and combines advanced UV sensitive plate coating together with proven high quality grained and anodized aluminum substrate. The result is a UV sensitive plate uniquely made for Computer-to-conventional-plate (CtCP) applications.

Optimum press performance

The plates deliver outstanding lithographic performance: fast start-up, low dampening levels, stable ink/water balance and fast re-starts after press stop-downs. The plate offers easy handling with excellent durability and can achieve run lengths of 250 000 and more impressions (depending on the imaging and press conditions). :Aluva N is a "no-bake" solution for high run lengths. UV-ink capability is also given without baking.

High quality imaging

:Aluva N is a negative working plate with very high image contrast. Exposed on Lüscher's proven XPose! UV setters, the plate is capable of 200 lpi (80 lpcm) AM and 25 μ FM imaging and is appropriate for a wide range of high quality printing applications including stochastic screening.

Fast exposure and proven plate processing

The plate combines fast, accurate and wide-latitude plate exposure with simple and robust processing and there is a wide range of compatible processors available from different manufacturers. For best printing results and longest chemistry bath life, use Agfa's Prima EN232 aqueous alkaline developer system with :Aluva N.

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:Aluva N



Plate specifications :Aluva N

Features

Plate type	Negative-working high-speed UV plate
Coating	Resin / Diazo layer
Gauges	0.15, 0.30, 0.40 mm
Surface	Electrochemically grained and anodized
Sizes	Commercial web and sheet fed
Spectral Sensitivity	UV, 350 - 405 nm
Exposure energy	58 - 78 mJ / cm ²
Resolution*	1 - 98 % at 150 lpi (AM) 2400 dpi plate setter 1 - 97% at 200 lpi (AM) 2400 dpi plate setter 25 micron (FM) 2400 dpi plate setter
Processor	All standard negative plate processors with at least one brush- roller (or molleton roller) in the development section.
Chemistry - Developer	EN232 developer
Replenisher	EN232 -> Top-up
Top-up rate	30 - 50 ml/m ²
Developer temperature	25°C (23° - 27°C)
Developer dwell time	15 sec (12 - 18 sec)
Developer bath life	>40 m ² /l
Safelight	Yellow safelight (UV free)
Working conditions	Operating temperature 21-25 °C (room climate), Relative humidity 40-60 %
Storage conditions	Shelf life 24 months if kept at 5-30°C and relative humidity 30 -70%.
Run length**	250,000 and more unbaked 250,000 and more with UV inks

* dependent on platesetter

**dependent on press conditions

Optimised plate care and pressroom products

Features

Plate Cleaner	Normakleen RC 910
Machine Finisher	RC 795, UNIFIN
Baking Gum / Baking	Not relevant
Deletion fluid	KN250
Deletion pen	KN025
Fountain Solution	Prima FS303SF, Prima FS404AS, Anturafont AFS1
Roller and Blanket wash	Xtrawash 40 or 60