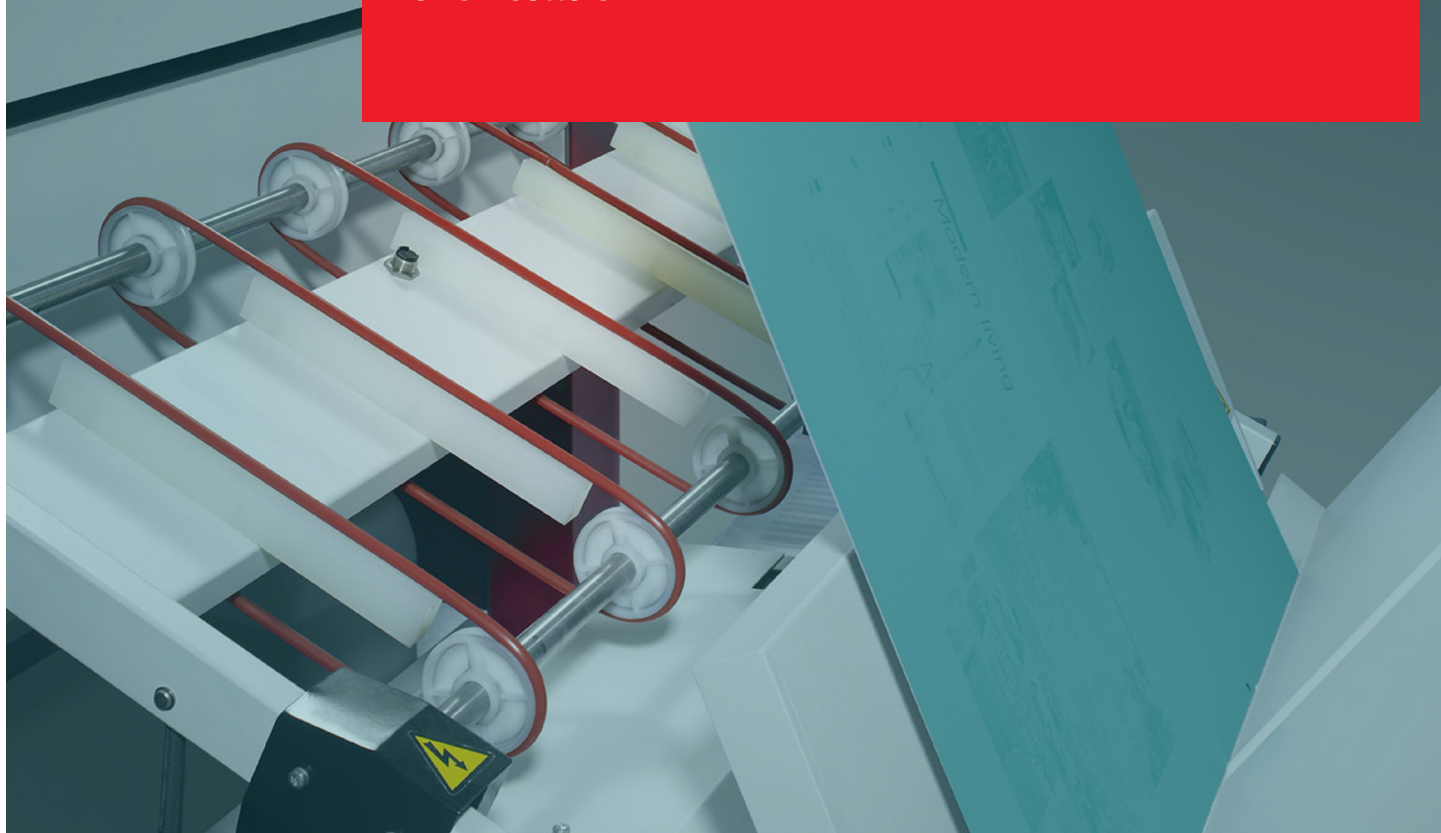


:Aluva P

Reliable, general purpose high speed positive plate for UV-setters



:Aluva P plates set a new standard for Computer-to-Conventional-Plate (CtCP) imaging and give the pressroom the steady stream of high-quality plates it needs to stay productive and profitable. They integrate seamlessly with UV computer-to-plate systems, and are suitable for a wide range of applications in sheet-fed and web printing.

Designed for UV-plate technology

:Aluva P 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 the first UV sensitive plate specifically made for CtCP applications.

Outstanding press performance

The use of Agfa's Flat Substrate Technology guarantees the widest latitude on press without compromising performance. This ensures fast start-up, low dampening levels, stable ink/water balance and excellent lithographic performance on press, including fast re-starts after press stop-downs. The plate can achieve run lengths of 150 000 and more impressions. Optional post-baking enables press runs of more than 1 000 000 impressions. For UV-ink capability post baking is required and mandatory.

High quality imaging

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

Compatible with existing plate processing systems

Positive plate technology is in widespread use throughout the world 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 DP250 developer with :Aluva P.

:Aluva P

Plate specifications :Aluva P

Features

| | |
|-----------------------|--|
| Plate type | Positive-working high-speed laser plate |
| Coating | Resin / diazo layer |
| Gauges | 0.15, 0.30, 0.40 mm |
| Surface | Electrochemically grained and anodized using Agfa's Flat Substrate Technology |
| Sizes | Commercial web and sheet fed |
| Spectral Sensitivity | UV, 400 - 440 nm |
| Exposure energy | 50 mJ/cm ² |
| Resolution* | 2 - 98% at 200 lpi (AM) 2400 dpi plate setter / 25 micron (FM) 2400 dpi plate setter |
| Processor | All standard positive plate processors (e.g.: Elantrix HX, Elantrix SX) |
| Developer | DP250 |
| Top-up processing | possible |
| Top-up rate DP250 | 80 – 120 ml/m ² |
| Replenishment rate | 50 – 70 ml/m ² |
| Anti-ox Replenishment | 90 ml/h |
| Developer temperature | 23 - 27°C |
| Developer dwell time | 20 - 28 sec |
| Developer bath life | 3.600 m ² |
| 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** | Up to 150,000 and more unbaked / The plate can be baked for increased run length / 1,000,000 and more after baking / 150,000 and more with UV-inks / The plate needs to be baked for UV-ink capability |

* 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 | RC 510, .RC 520, Thermotect |
| Deletion fluid | KP23, KP273 |
| Deletion pen | KP010, KP011, KP012 |
| Fountain Solution | Prima FS303SF, Prima FS404AS, Anturafount AFS1 |
| Roller and Blanket wash | Xtrawash Plus 40 or 60 |