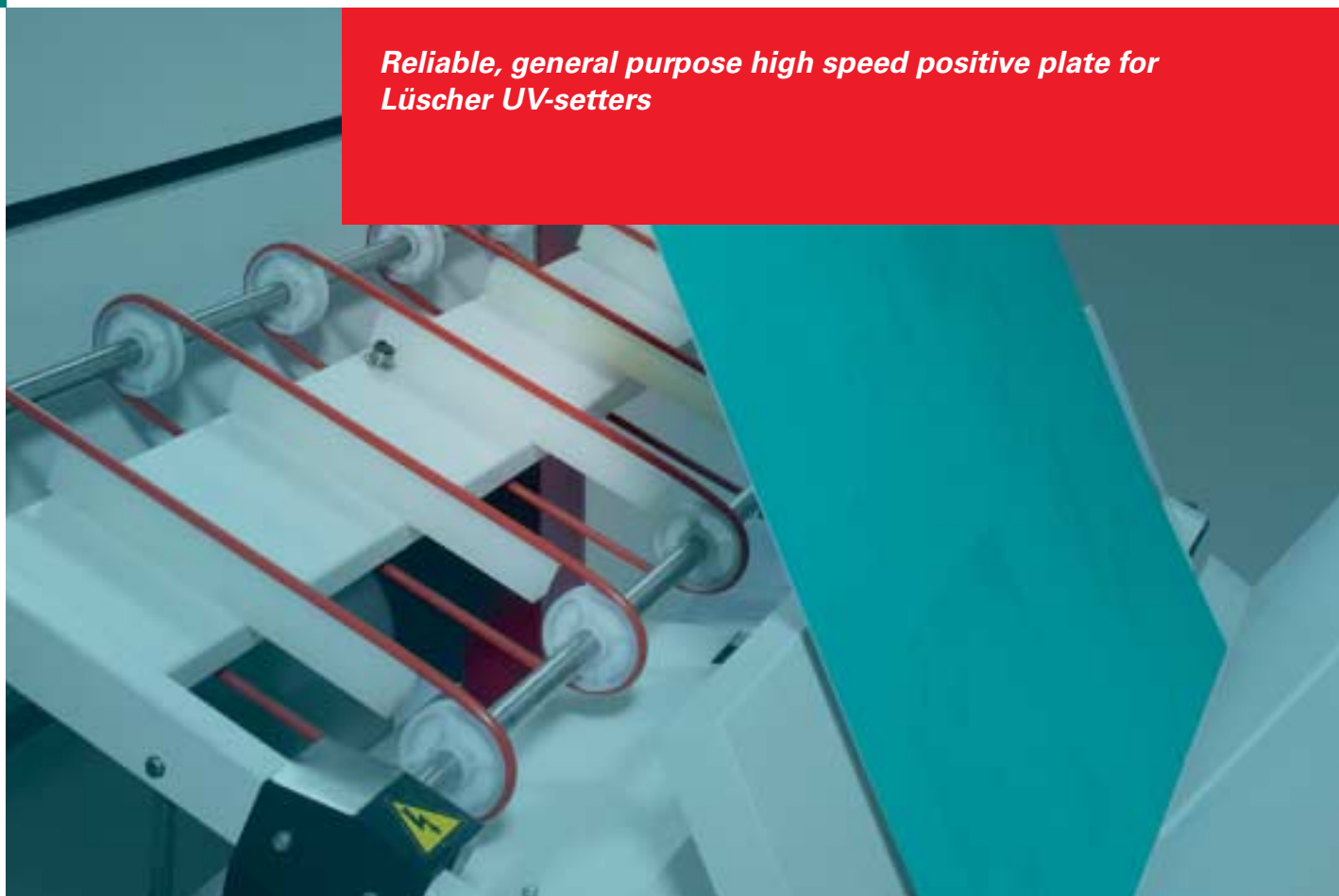


:Aluva P

Reliable, general purpose high speed positive plate for Lüscher 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 produced by Lüscher, 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 21 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 Prima DP200 aqueous alkaline developer system (and Prima DP200R replenisher) with :Aluva P.

lüscher
SWISS CTP

: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 - 65 mJ/cm ²
Resolution*	1 - 99% at 200 lpi (AM) 2400 dpi plate setter / 21 micron (FM) 2400 dpi plate setter
Processor	All standard positive plate processors (e.g.: Elantrix HX, Elantrix SX)
Chemistry - Developer	Prima DP200
Replenisher	Prima DP200R
Top-up processing	possible
Top-up rate DP200	80 – 120 ml/m ²
Replenishment rate	40 – 60 ml/m ²
Developer temperature	22°C (20° - 24°C)
Developer dwell time	20 sec (15 – 25 sec)
Developer bath life	12 m ² /l (top-up) – 15 m ² /l (replenishment)
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 40 or 60