

ARFA Plate



POLY-V/L

Low-chemical Violet CTP Plate

Environment-friendly—Help enterprises to develop

ARFA POLY-V/L Low-chemical Violet CTP Plate is a specialized plate for violet CTP plate-setter and represents the trends of violet CTP technology. It can be applied with low-PH treatment solution during the washing-out treatment, which streamlines the post-treatment process and reduces chemical consumption. No effluent is emitted during the process and less waste is generated, which meets the requirements of modern environmental printing and improves enterprise's competitiveness.

Stable developing performance, compatible with various kinds of developers

ARFA POLY-V/L Low-chemical Violet CTP Plate is developed by the low PH treatment solution that go with it. In the process, there is no need to monitor the change of PH value. This minimizes the fluctuations of plate performance caused by exhausted chemicals and therefore ensures more stable printing quality. Besides, the plate is well compatible with other mainstream violet plate developers.

Reduce equipment investment and maintenance cost

ARFA POLY-V/L Low-chemical Violet CTP Plate produces high-quality image and its run length can be up to 150,000 impressions. The plate can be exposed by any existing violet plate-setters and developed by both conventional and low-chemical violet processors. In the latter processors, the prewash and post-rinse steps together with gumming unit are removed, making the system smaller and easier to maintain.





ARFA POLY-V/L Low-chemical Violet CTP Plate

Technical Specifications

Plate	Negative-working, low-chemical violet plate.
Application	Newspaper and semi-commercial applications.
Substrate	Electrochemically grained and anodized aluminum substrate.
Gauges	0.15mm, 0.27mm, 0.30mm, 0.40mm.
Spectral sensitivity	400-410nm.
Plate-setter compatibility	Existing mainstream violet plate-setter.
Laser energy required	60-70 μ j/cm ² , dependent on image type and resolution.
Resolution	150lpi (2~98%), under 1800dpi, 25 μ m line can be produced.
Chemicals	ARFA POLY-V/L finisher.
Preheat	95~110°C
Developing temperature	28 \pm 2°C
Developing time	20~30s
Run length	<ul style="list-style-type: none">● Ordinary ink\geq150,000 impressions.● Baked\geq300,000 impressions. Note: The run length could change as the differences of printing and imaging conditions.
Shelf life	12 months, under recommended storage conditions.
Storage	Temperature: 18-26°C, relative humidity: 30-60%RH