

ARFA Plate



CTcP-U/Y Double Layer Positive Plate

Specially designed for CTcP Technology

ARFA CTcP-U/Y double layer Positive plate is a CTcP plate developed to meet the market requirements for plate-making speed and efficiency. Specifically designed for the CTcP technology, the features of CTcP-U/Y is the new UV photosensitive layer formula and high quality electrolytic oxidation of the aluminum substrate.

ARFA CTcP-U/Y double layer Positive plate offers superior UV exposure sensitivity, strong coating adhesion, stable imaging and exceptional durability. Designed for high-volume commercial and UV printing applications.

Excellent printing performance

The new photosensitive layer formula and high quality substrate treatment technology make the plate has a precisely dot reduction, excellent ink balance performance and superior wear resistance. The run length is up to 80,000 under the UV ink printing, the run length can be up to more than 200,000 under the ordinary ink.

High quality imaging performance

ARFA CTcP-U/Y double layer Positive plate has a high resolution and it can achieve 1 to 99% (300lpi), AM screening resolution and FM screening resolution.

Excellent stability and adaptability

ARFA CTcP-U/Y double layer Positive plate has good storage

stability. In the shelf life, its sensitivity, dot reduction and other properties are almost unchanged.

ARFA CTcP-U/Y double layer Positive plate is suitable for the mainstream CTcP platesetters, good development adaptability, as the best choice for the offset packaging and commercial printing.

Low effect of environment

ARFA CTcP-U/Y double layer Positive plate can be used directly to environmental friendly UV ink, reducing volatile organic solvents (VOC) emissions in the printing process. The long run length reduces the amount of media used in the process, saving costs and time. Long run length, reduce the usage of plate in long run and save cost and time in production.

ARFA CTcP-U/Y double layer Positive plate can improve the prepress preparation efficiency, while maintaining high print volume, greatly reducing the waste of paper and ink.

ARFA CTcP-U/Y double layer Positive plate needs baked only in extreme conditions, such as rough paper, corrosive chemicals, extremely long runs.





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Technical Specifications

Plate	Double layer Positive plate.
Application	Without baking, apply to high-quality and long run length printing, used UV ink and ordinary ink.
Substrate	Anodized aluminum substrate.
Gauges	0.15-0.40mm.
Spectral sensitivity	400-410nm.
Plate-setter compatibility	Suitable to almost all brands of CTcP machines in the market.
Laser energy required	50-60mj/cm ² .
AM resolution	1 to 99% (300lpi). Dependent upon capability of imaging devices.
FM resolution	Can be used to FM dot reproduction works.
Processor	Suitable to almost all brands of and processors in the market.
Developer time	20-30sec (ARFA Chemical: Water = 1: 5, 24±1°C)
Run length	● 50,000-80,000 (UV ink). ● 150,000-200,000 (Ordinary ink, Unbaked). Note: Run length varies depending on processing and printing control and conditions.
Safelight	Yellow light handing.
Shelf life	24 months, in the recommended storage conditions.
Packing	Available in all standard formats.