ARFA Plate

DLTP-U/Y

Double Layer Thermal Plate

High quality and efficiency

ARFA DLTP-U/Y double layer thermal plate possesses extreme high definition and stability in both the medium-and long-run length whether it is in FM (frequency modulation) printing or in AM (amplitude modulation) printing. It can reduce the plate-remaking and imaging deformations caused by dot wearing and line refining, thus, to improve the productivity. Fast imaging and processing rinsing can significantly improve the efficiencies of pre-printing.

ARFA DLTP-U/Y double layer thermal plate is not only a superior combination of quality, stability, yield, consistency and durability, but also the best choice for the short-run length and long one in the high-quality commercial press.

Friendly environment

ARFA DLTP-U/Y double layer thermal plate can use environmental UV ink to reduce the discharge of volatile organic compounds (VOC). Longer run length makes it reduce the consumptions during the period of the press and thus save the cost and time.

Using ARFA DLTP-U/Y double layer thermal plate can enhance the efficiencies of pre-printing preparations. At the time of keeping high quality, it greatly reduces the waste of paper and ink.

ARFA DLTP-U/Y double layer thermal plate only need baking in the extreme conditions, such as rough paper, high-corrosive chemicals and the over long printing.

The stable and durable performance process

ARFA DLTP-U/Y double layer thermal plate can maintain a high resolution and an excellent printing performance durably during the process, so it is applicable to more printing conditions and long run length.

ARFA DLTP-U/Y double layer thermal plate possesses an extraordinary performance in prepress and in the pressroom. Not only is it applicable to UV ink, but also it is applicable to ordinary printing ink. The run length can come up to 150,000 impressions without baking, and the plate possesses good stability and latitude in imaging, processing, and on-press performance.

ARFA DLTP-U/Y double layer thermal plate to feature better dot reproduction and longer run length, provide excellent color control and consistent color reproduction under the mode of printing presses running at the full speed.

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Technical Specifications

Plate	Positive double layer thermal digital plate, wide operating latitude, high run length, resistant to chemical corrosion, such as UV ink and printer cleaning water.
Application	Without baking, apply to high-quality and long run length printing, used UV ink and ordinary ink.
Substrate	Electrochemically grained and anodized aluminum substrate.
Gauges	0.15mm, 0.24mm, 0.27mm, 0.30mm, 0.40mm.
Spectral sensitivity	820-840nm.
Plate-setter compatibility	Compatible with mainstream thermal plate-setters.
Laser energy required	110-130mj/cm^2.
AM resolution	1 to 99%@200lpi. Dependent upon capability of imaging devices.
FM resolution	10-micron stochastic. Dependent upon capabilities, applications, and screening algorithms of imaging devices.
Processor	Compatible with mainstream processors in the market.
Developer	ARFA DLTP-D100 Developer is recommended. Compatible with mainstream thermal developer in the market.
Run length	● UV ink≥50,000 impressions. ● Ordinary ink≥150,000 impressions. ● Baked≥200, 000 impressions. Note: The run length could change as the differences of printing and imaging conditions.
Safelight	Daylight handing.
Shelf life	18 months, in the recommended storage conditions.
Packing	Available in all standard formats.

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