

About Xingraphics

Based in Xindu industrial development zone, Chengdu Xingraphics Co., Ltd is dedicated to the development, manufacture, sales and services of CtP plates, with ISO14001:2004 Environmental Management System certified and ISO9001:2000 Quality Management System certified.

More than just a product

- Dedicated sales and services team
- Effective and efficient distribution and services networks, World-Wide
- Reliable product supply chain
- Professional technical support
- Continuous improvements

www.xingraphics.com

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Simply an Alternative Solution

● Printed with Xingraphics' : FIT Envase positive thermal CtP plates

FIT ENVASE
Positive Thermal CtP Plate

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FIT ENVASE

Positive thermal Ctp plate designed for UV printing



About the product

- **Unique plate technology:**

Our unique plate graining technology (marked with "Hybrid technology") allows for lower water usage in most printing environments, especially when printing alcohol free. Average water savings is 10 to 15%. This water savings has a direct relationship to ink savings, better color and faster drying.

- **Low chemical consumption:**

FIT Envase plates are the low chemical consumption product. Replenishment rates of 70~90ml/m²

- **Cost effective and easy to use:**

FIT Envase is a positive working thermal technology that does not require pre-heat. Coupled with its unique aluminum grain, this produces a wider operational latitude in addition to economical benefits that exceed the abilities of other plates.

- **Precise dot reproduction:**

Excellent performance in dot reproduction and linearity. The dot proportion tolerance is less than 1% without calibration. This provides perfect image and color reproduction and gives printers the ability to print 25 micron screening.

**10 micron screening capable, depends on platesetter.*

- **High run length:**

Up to 250,000+ impressions possible without post baking and more than 1 million impressions when baked.

- **Dual coating plate technology:**

FIT Envase utilizes a dual plate coating technology on a thermal positive plate allowing customers to print with UV inks and in aggressive chemical environments without baking. This is the perfect solution for customers who want to be able to use high-resolution plates and do not want to have to bake the plates when printing with UV inks.


Product specifications


Type	Positive thermal CtP Plate
Suitable for	Commercial, Packaging UV Printing
Substrate	High quality grained and anodized aluminum
Maximum width	1480mm
Spectral Sensitivity	830nm
Exposure energy	120-140mj/cm ²
Resolution	1-99%@450lpi
Run Length	100,000 impressions with UV inks; 250,000 impressions with normal inks <i>*Run length depends on processing and printing quality control and conditions</i>
UV ink compatibility	Applicable with UV ink
Shelf life	18 months when stored away from excessive cold, heat and humidity
Storage conditions	Store plates flat in their packaging, away from excessive cold, heat or high humidity at 5°C~40°C, with RH between 40-80%

Processing


Developer :
Xingraphics
 arto·D

Replenisher : *
Xingraphics
 arto·R

Replenishment : Arto-R
 70~90ml/m² whilst processing
70~90ml/hr whilst standing

 Processing time :
25±5 seconds

 Developer temperature :
26±1 °C

 Bath life :
2,500 sqm or 1 month,
whichever is achieved first