

## 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 ISO9001:2008 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
- Includes our unique built in Hybrid graining technology

[www.xingraphics.com](http://www.xingraphics.com)

**xingraphics**

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simply more than an  
alternative solution

● Printed with Xingraphics : FIT Envase positive thermal CtP plates

● FIT ENVASE Plus (131) (EN) 201702

**FIT ENVASE<sup>+</sup>**  
built in Hybrid technology

Positive Thermal CtP Plate  
For high quality UV printing

**xingraphics**

# FITENVASE<sup>+</sup>

built in Hybrid technology

Positive thermal CtP plate designed for high quality UV printing



## Product Information

- **Low chemical consumption:**

FIT Envase Plus plates is a low chemical consumption product. Replenishment rates only 70~90 ml/m<sup>2</sup>

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

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

- **High run length:**

Up to 150,000 impressions without baking with UV inks/ Solvent Based Coating  
Up to 250,000 impressions without baking with Conventional inks

- **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.







- **Dual coating plate technology:**

FIT Envase Plus 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 or Conventional inks Printing  |
| Substrate            | High quality grained and anodized aluminum  |
| Maximum width        | 1480mm  |
| Spectral Sensitivity | 830nm   |
| Exposure energy      | 110-130mj/cm <sup>2</sup>   |
| Resolution           | 1-99%@450lpi  |
| Run Length           | Up to 150,000 impressions without baking with UV inks/ Solvent Based Coating<br>Up to 250,000 impressions without baking with Conventional inks<br><small>*Run length depends on processing and printing quality control and conditions</small> |
| 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 :<br>                     | Replenisher : *<br>                 | Replenishment : Arto-R<br> 70~90ml/m <sup>2</sup> whilst processing<br>70~90ml/hr whilst standing |
|  Processing time :<br>20~25 seconds |  Developer temperature :<br>25±1 °C |  Bath life :<br>2,500 sqm or 1 month,<br>whichever is achieved first                              |



\* The above data may vary with different processor type being used.