

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

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xingraphics

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Simply an Alternative Solution

● Printed with Xingraphics' : Fit Invado positive thermal CtP plates

● FIT INVADO [2.1] [EN] 201210

FIT INVADO

Positive Thermal CtP Plate



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Positive Thermal CtP Plate



FIT Invado Thermal CtP Plate is specifically designed for cost-conscious printers, who needs medium to long run lengths with high-performance press quality. It uses advanced thermal plate technology to deliver 1-99% at 250 lpi resolutions, which will satisfy general commercial print quality requirements. Manufactured with strict quality control production procedures, FIT Invado is able to provide printers excellent and reliable pre-press and print results.

About the product

- **Consistent performance:**

A combination of state of the art production technology and strict quality control procedures throughout the production process to provide our customers with stable and repeatable performance. Guaranteeing superior finished results.

- **Precise dot reproduction:**

Excellent performance in linearity of dot reproduction. The dot proportion tolerance is less than 1% without calibration providing perfect image colour reproduction.

- **High run length:**

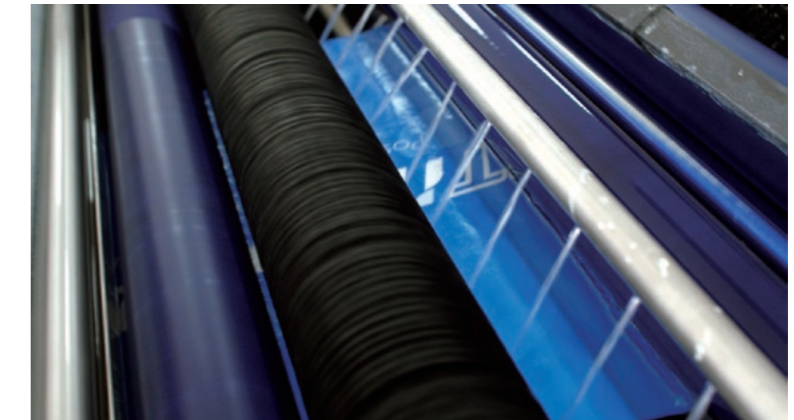
Over 100,000 impressions without post-baking and more than 1,000,000 when post-baked.

- **Fast imaging speed:**

Fast exposure to maximize the output of CtP devices and increase efficiency.

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






FIT Invado reduces overall cost of operation by coming up to colour faster due to its excellent ink/water balance characteristics, using ink more efficiently. FIT Invado is a positive working thermal technology which does not require pre-heat coupled with its wide operation latitude and reliability provides consistent, reliable plate making.



Product specifications

Type:	Positive thermal CtP Plate
Suitable for:	Medium to long run length commercial printing
Substrate:	High quality grained and anodized aluminum
Maximum width:	1480mm
Spectral sensitivity:	830 nm
Exposure energy:	120~150 mj/cm ²
Resolution:	1-99%@250 lpi
Run length*:	100,000 unbaked, 1,000,000 impressions when post-baked *Run length depends on processing and printing quality control and conditions.
UV ink compatibility:	Applicable with UV inks when post-baked
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~30 °C, with RH between 40~80%.
Post-baking recommendation :	230 ~ 250 °C , 5 ~ 8 minutes

Processing

<p>Developer :</p> 	<p>Replenisher : *</p> 	<p>Replenishment : Arto-R</p>  <p>75~90ml/m² whilst processing 75~90ml/hr whilst standing</p>
<p>Processing time :</p>  <p>25±5 seconds</p>	<p>Developer temperature :</p>  <p>25±1 °C</p>	<p>Bath life :</p>  <p>2,000 sqm or 1 month, whichever is achieved first</p>

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