

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

**xingraphics**

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# Simply an Alternative Solution

● Printed with Xingraphics' : Fit Xtra Melior positive thermal CtP plates

● Fit Xtra Melior (2.1) [EN]-201210

# Fit XTRA Melior

Positive Thermal CtP Plate





FIT Xtra Melior, contains upgrades and enhancements based on the initial FIT technology, suitable for high quality commercial, publication, newspaper and packaging printing.

**Perfectly fits your business needs!**

## **FIT XTRA Melior** Positive Thermal CtP Plate







### About the product

- Consistent performance:**  
 A combination of state of the art production technology and strict quality control procedures throughout the manufacturing process guarantees customers stable and repeatable performance.
- Fast imaging speed:**  
 Fast exposure to maximize the output of CtP devices and increase efficiency.
- Cost effective and easy to use:**  
 FIT Xtra Melior reduces overall cost of operation by coming up to colour faster due to its excellent ink/water balance characteristics, using ink more efficiently. FIT Xtra Melior is a positive working thermal technology which does not require pre-heat coupled with its wide operation latitude reliability provides consistent, reliable plate making.
- 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 250,000 impressions without post-baking and more than 1,000,000 when post-baked.

### Product specifications

Type:	Positive thermal CtP Plate
Suitable for:	Commercial, Newspaper and Packaging Printing
Substrate:	High quality grained and anodized aluminum
Maximum width:	1480mm
Spectral sensitivity:	830 nm
Exposure energy:	100~120 mj/cm <sup>2</sup>
Resolution:	1-99%@450 lpi
Run length*:	250,000 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

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

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