

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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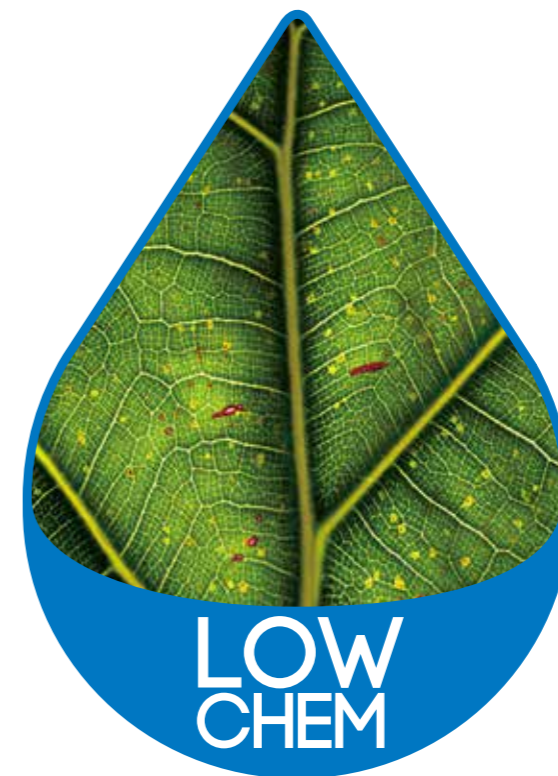
Simply an Alternative Solution

● Printed with Xingraphics' : Primus Plus positive thermal CtP plates

● Primus Plus [1.0] [EN] 201302

Primus+

Positive Thermal CtP Plate



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Primus+

Positive Thermal CtP Plate

-Designed for high quality commercial printing



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 throughput of CtP devices and increase speed and efficiency.
- Precise dot reproduction:**
 Excellent performance in linearity of dot reproduction. The dot proportion tolerance is less than 1% without calibration providing perfect image and colour reproduction.
- High run length:**
 Over 250,000 impressions without post-baking, more than 1,000,000 when post-baked and up to 20,000 impressions unbaked with UV inks.
- Cost effective and easy to use:**
 Primus Plus is a positive working thermal technology does not require pre-heat, coupled with its wider operational latitude and reliability thus providing consistent, reliable plate making.

Primus Plus, the upgraded thermal CtP Plates based on the original Primus technology with balanced press performance, resolution, latitude, and production.

Your first choice for high quality, long run-length printing requirements!




Primus series plate technology has been designed to give benefits for both the end users and to minimize waste disposal impact on the planet.

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:	110~130 mj/cm ²
Resolution:	1-99%@450 lpi
Run length*:	Over 250,000 unbaked, 1,000,000 impressions when post-baked, Up to 20,000 impressions unbaked with UV inks *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 ~40 C, with RH between 40~80%.
Post-baking recommendation :	230 ~ 250 C, 5 ~ 8 minutes


Processing

Developer :


Replenisher : *


Replenishment : **Arto-R**
 70~90ml/m² whilst processing
 70~90ml/hr whilst standing
Arto-D
 140~160ml/m² whilst processing
 140~160ml/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

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