

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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Simply an Alternative Solution

● Printed with Xingraphics' : RBY positive thermal CtP plates

● RBY (2.2) [EN] 20140310

RBY

Positive Thermal CtP Plate





Positive Thermal CtP Plate



RBY thermal CtP Plate is specifically designed for cost-conscious printers, who needs short to medium run lengths with high-performance press quality. It uses advanced thermal plate technology to deliver 1-99% at 200 lpi resolutions, which will satisfy general commercial print quality requirements. Manufactured with strict quality control production procedures, RBY is able to provide printers reasonable pre-press and print results.

Product specifications

Type:	Positive thermal CtP Plate
Suitable for:	Short to medium run length commercial printing
Substrate:	Standard grained and anodized aluminum
Maximum width:	1480mm
Spectral sensitivity:	830 nm
Exposure energy:	120 mj/cm ²
Resolution:	1-99%@200 lpi
Run length*:	100,000 unbaked, 500,000 impressions when post-baked <small>*Run length depends on processing and printing quality control and conditions.</small>
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

About the product

- **Precise dot reproduction:**
Excellent performance in linearity of dot reproduction. The dot proportion tolerance is acceptable providing perfect image colour reproduction.
- **High run length:**
100,000 impressions without post-baking and more than 500,000 when post-baked.
- **Fast imaging speed:**
Fast exposure to maximize the output of CtP devices and increase efficiency.
- **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.
- **Cost effective and easy to use:**
RBY reduces overall cost of operation by coming up to colour faster due to its excellent ink/water balance characteristics, using ink more efficiently. RBY 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.

