

# CTP/CTCP Plates

BCM supply thermal CTP plates, positive CTP plates, CTCP plates, PS plates and processless plates.

CTP plates are high quality aluminum plate and the use of unique plate base treatment. Products are environmental friendly preventing chemical pollution.

BCM'S CTP plate have high sensitivity, good hydrophilic, well ink-water balance, Long Run-length, best market compatibility, so it is extensively used commercial printing and newspaper printing. Whether conventional or alcohol wet plate can output the, clear, excellently, perfectly colorful prints.



## SPECIFICATION:

Type	Thermal CTP Plate	CTCP Plate
Thickness	0.15 mm, 0.25 mm, 0.30 mm	0.15 mm, 0.25 mm, 0.30 mm
Color	Blue	Blue
Sensitive light source	830nm	405nm
Resolution	1-99%@300lpi/10umFM	2-99%@200lpi/10umFM
Developer	CTP developer is divided into original solution (white cover) and replenishing solution (red cover), dynamic replenishment amount 80-100ml/m2, static replenishment amount 80ml/h	CTCP Liquid, Working liquid 1:4 – 1:5, Replenish 1:3.5, Dynamic supplement 90-100ml/m2, static replenishment amount 80ml/h
Developing Temperature	22°C -22°C	23°C -25°C
Development time	25±5s	25±5s

Printing Durability	Unbaked version >70,000 impressions after banking version >150,000 impressions	50,0000-100,000 copies
Storage Conditions	Store in a dry environment at a temperature of 5-30°C	Store in a dry environment at a temperature of 5-30°C
Storage period	12 Months	18 Months

**FEATURES:**

- Environmental formula development
- Excellent stability
- High compatibility
- Simple to use
- Extreme adaptability

**APPLICATION:**

- CTP (Computer-to-Plate) plates are used primarily in the printing industry, particularly for offset printing.
- Commercial Printing: such as brochures, magazines, catalogs, and advertising materials.
  - Packaging: including cardboard, plastic, and metal, for packaging products.
  - Newspapers: improve efficiency and reduce turnaround times in producing daily editions.
  - Labels: including self-adhesive labels, which require high-quality printing for branding and information.
  - Specialty Printing: printing textiles, ceramics, and other materials where high-quality images and colors are essential.
  - Short-Run Printing: CTP technology allows for quick plate changes and setup, making it ideal for short-run jobs where flexibility and speed are crucial.
  - Flexographic Printing: for high-quality results on packaging and labels.
  - Digital Imaging: produce high-resolution prints for art reproductions and fine art printing.

**PACKAGE:**

