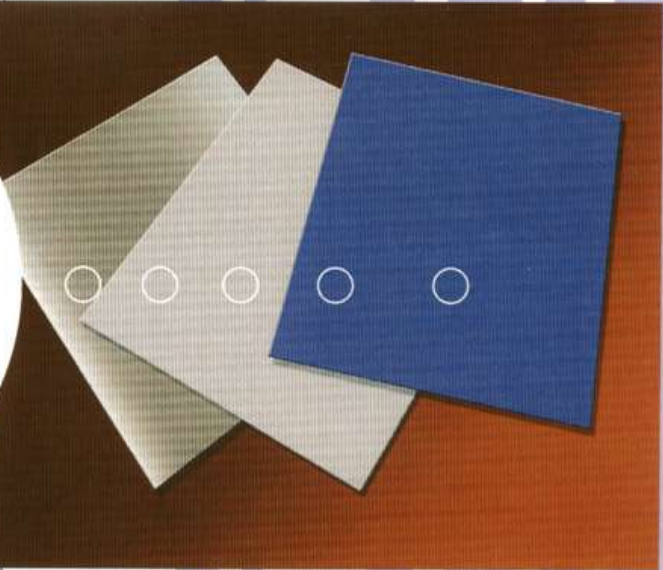




**PNE PRINT TECHNOLOGY CO.,LTD**  
**MANUFACTURER OF OFFSET PRINTING PLATES**

**POSITIVE  
 WORKING  
 CTP PLATES**

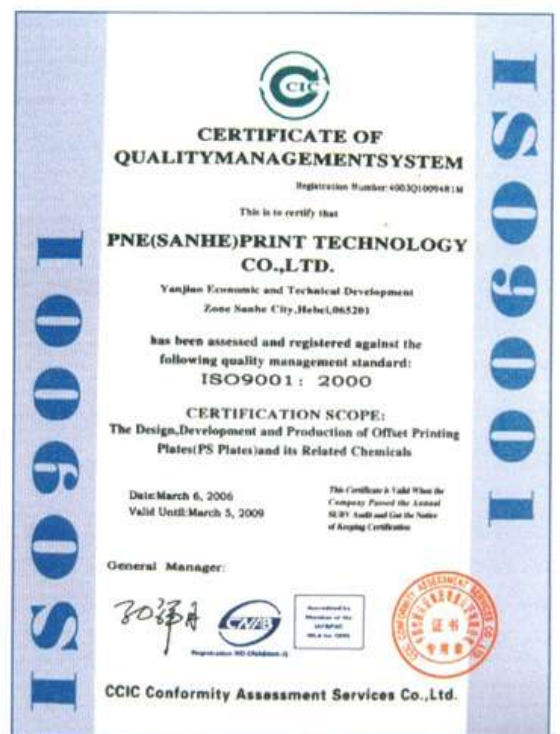
PNE PRINT TECHNOLOGY CO.,LTD



TP-1 is the latest development by PNE Print Technology Co. Ltd aimed at creating the best possible CTP thermal, positive working plates to meet today's demanding press room requirements. It is the result of extensive research and development aimed at bringing convenience and efficiency to plate making.

TP-1 is the ideal solution for today's middle to long run press runs. It is researched, developed and manufactured to handle many different types of commercial and packaging applications. Harnessing the proven quality of the state-of-the-art graining & anodizing technology, the plate offers wider press latitude, faster optimization & maintenance of ink-water balance and higher plates' durability.

Unbaked, TP-1 can achieve 100,000 impressions with a high resolution ( 1% - 99% at 250 lpi ) for excellent imaging results. The plate can be handled under normal daylight conditions & can be developed with processing chemistry readily available, further enhancing ease-of-use, simplicity, convenience, efficiency (saving time and money) to your busy work-flow.



CERTIFICATE OF QUALITYMANAGEMENTSYSTEM

## PRODUCT SPECIFICATION THERMAL TECHNOLOGY

Plate type	Infra-red sensitive thermal polymer, positive working
Substrate	Electrochemically grained & anodized aluminium
Alloy	Standard 1050 alloy
Gauge	0.15mm, 0.20mm, 0.25mm, 0.30mm
Plate size	Max 1450mm on 1-side
Spectral sensitivity	800-850 nm; peaks @ 830 nm
Digital Energy	150-200 mJ/cm <sup>2</sup> , depending on spectral fit
Run length	Approx. 100,000 impressions** (unbaked). Approx. 500,000 impressions** (baked)
Resolution	1-99% @ 250 lpi
Image colour	Dark blue (unbaked)
Image contrast	Minimal post-exposure; greater than 0.2 after exposure
Process	<ol style="list-style-type: none"> <li>1. Develop</li> <li>2. Rinse / finish (or apply prebake solution)</li> <li>3. Bake @ 280°C for approx. 1-2 mins if required.</li> <li>4. Rinse/finish (if post-bake)</li> </ol>
Replenishment rate	850 processor – 100ml per plate 1550 processor – 150ml per plate 1250 processor – 125ml per plate
Processing Chemistry	PNE CTP Developer or Kodak CTP Developer
Safelight	Daylight working
Shelf life, storage & handling	12 months when stored in light-free area away from excessive cold, heat & high humidity

\*\*Actual run length may vary according to press, ink and stock conditions

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