

Thermal

PRAXIS TJ

The right plate

Thermal positive offset plate for imaging on CTP platesetter. The coating is sensitive to infrared diode laser (IR) at 830 nm.

PLATE GAUGES

- ▶ Standard: 0,15 / 0,20 / 0,30 / 0,40 mm.
- ▶ On request: 0,24 mm.

COATING - EXPOSURE

Coating colour: blue.
 Contrast after developer: high.
 Spectral sensitivity: 800 - 850 nm.
 Usable on thermal platesetters with internal, external drum and flat bed.
 Energy required: approx. **130-150 mJ/cm²**.
 Screen reproduction: 1% - 99% at 200 l.p.i.

DEVELOPMENT

- Use **DEVELOPER IP-T9** in suitable processors for thermal plates.
- ▶ Developer temperature: 23 °C ± 1 °C.
 - ▶ Development time: 30 ± 5 seconds in immersion.
 - ▶ Replenishment: **DEVELOPER IP-T9**
 - ▶ Replenishment rate: 120 ml/m².
 - ▶ Antioxidant Stand by ON: 100 ml/h.
 - ▶ Antioxidant Stand by OFF: 100 ml/h.

GUMMING

Apply **GUM M-503** ready to use for short period of storage.
 Apply **GUM F-520** for long terms storage. Hand use.
 Apply **GUM T-511** ready to use for hardening of the image by baking.

DELETION

Use gel **DELETION GEL POS** or **DELETION PEN POS** with wide, medium and fine point. Apply over the area to be corrected and leave for 20 - 30 seconds. Remove by washing with abundant quantities of water.

BAKING

Hardening of the image by baking will increase the press life of the plate.
 Before baking apply **GUM T-511** for protection of the plate during the process.
 Baking conditions:

- ▶ Static oven: 230 °C during 4 - 5 minutes.
- ▶ On-line oven: 255 °C during 2 - 3 minutes.

ON PRESS

- PLATE CLEANER A-561** as preparation for the background areas. Avoid systematic use, the solvent base of the cleaners could damage the image and reduce print capacity.
 Fountain solution additives IPAGSA **FOUNT PH** are suitable for all sheet fed and web presses.
- ▶ **Recommended pH range:** 4,8 - 5,2.
 - ▶ **Recommended conductivity range:** 800 - 1.500 µS/cm.

Note: The results obtained may vary depending if the conditions of use are outside of our recommended values.