

CTcP ECO 885

Efficiency

Robustness. High speed. Total reliability.

Positive offset plate for imaging on CTcP platesetter. The coating is sensitive to ultraviolet lamps or violet diode laser at 400 - 410 nm. For medium-long runs.

PLATE GAUGES

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

COATING - EXPOSURE

Coating colour: dark blue.
Colour change after exposure: high.
Contrast after developer: high.
Day light sensitivity -UV-: It is recommended to work under safety yellow light of low UV radiation.
Spectral sensitivity: 350 - 450 nm. with peak sensitivity at 400 nm.
Usable on platesetters with internal, external drum and flat bed.
Energy required: approx. **45-55 mJ/cm²**.
Screen reproduction: 1% - 99% at 200 l.p.i.
Resolution: up to 3200 dpi and stochastic (FM) screen 20 microns.

DEVELOPMENT

- Use **DEVELOPER IP-C01** in suitable processors for analogue and/or thermal positive plates.
- ▶ Developer temperature: 23 °C ± 1 °C.
 - ▶ Development time: 25 ± 5 seconds in immersion.
 - ▶ Replenishment: Use **DEVELOPER IP-C01** as a replenisher.
 - ▶ Replenishment rate: 120 ml/m².
 - ▶ Antioxidant Stand by ON: 100 ml/h.
 - ▶ Antioxidant Stand by OFF: 100 ml/h.

GUMMING

Apply **GUM M-3** ready to use for short period of storage.
For long terms storage, apply **GUM F-20**.
For hardening of the image by baking apply **GUM T-511**.

DELETION

Use gel **DELETION KR-78** or **DELETION PEN** 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:

- ▶ Off-line oven: 200 - 220 °C during 6 - 8 minutes.
- ▶ On-line oven: 230 - 250 °C during 3 - 4 minutes.

ON PRESS

- PLATE CLEANER A-610** 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.