

# RUBI T-50

Thermal positive offset plate for imaging on CTP platesetter. The coating is sensitive to infrared diode laser (IR) at 830 nm. For medium-long runs. No preheat required.

## PLATE GAUGES

Standard: 0,15 / 0,20 / 0,30 / 0,40 mm.  
On request: 0,24 / 0,50 mm.

## COATING - EXPOSURE

Coating colour: blue intense.  
Contrast after developer: high.  
Day light sensitivity -UV-: up to 4 hours of exposure does not affect the characteristic of the coating.  
Spectral sensitivity: 800 – 850 nm. with peak sensitivity at 830 nm.  
Usable on thermal platesetters with internal, external drum or flat bed.  
Energy required: approx. 170 mJ/cm<sup>2</sup>.  
Screen reproduction: 0.5% - 99% at 450 l.p.i..  
Resolution: up to 3200 dpi and stochastic screen.

## DEVELOPMENT

Use developer IPAGSA T-700 in suitable processors for thermal plates.  
Developer temperature: 23° C ± 1° C.  
Development time: 30 ± 5 seconds in immersion.  
Replenishment: use developer IPAGSA T-700 as a replenisher.  
Replenishment rate: 150 ml/m<sup>2</sup>.

## GUMMING

Apply GUM M-504 ready to use for short period of storage.  
For long terms storage, apply GUM F-520.  
For hardening of the image by baking apply GUM T-515.

## DELETION

Deletion pens or gel can be used to remove unwanted images on the plate.  
Apply over the area to be corrected and leave for 20-30 seconds. Remove by washing with abundant quantities of water.  
IPAGSA deletion pens are available with wide, medium and fine point.

## BAKING

Hardening of the image by baking will increase the press life of the plate.  
Before baking apply GUM T-515 for protection of the plate during the process.  
Baking conditions:           Static oven:       240 - 260°C during 6-8 minutes.  
  On-line oven:     280°C during 3 minutes.

## ON PRESS

CLEANER A-561 as preparation for the background areas prior to starting the print run.  
Avoid systematic use, the solvent base of the cleaners could damage the image and reduce print capacity.  
Fountain solution additives IPAGSA PH SYSTEM are suitable for all sheet fed and web presses.  
Recommended pH range: 4.8 – 5.2  
Recommended conductivity range: 800 – 1.500 microsiemens.



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