

TECHNICAL DATA SHEET

1. IDENTIFICATION OF PRODUCT

1.1 Product: High Sensivity Positive Plate

Ref. **ABEPLATE CTcP “Ultimate” (high sensitivity positive plate)**

1.2 Company: **ABEZETA S.A.**
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08009 Barcelona (Spain)

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2. PROPERTIES

- High contrast.
- Excellent dot reproduction.
- High copy resolution.
- A wide tolerance in operating condition
- Good ink-water equilibrium
- Excellent performance in developing
- Guaranteed durability → 50.000-100.000 units (depending on printing conditions and imaging content)
- Good ink absorption.
- Good latitude.

In order to achieve the best resolution and durability results, you have to work under optimum developing and exposing conditions.

3. COATING / EXPOSURE

- Coating colour : Light Green
- Contrast after developer : High
- Spectral sensitivity: 390-420 nm.
- Sensitivity: 50-60 mj/cm²
- Screen reproduction: 2% - 98%.
- Safelight: Yellow light
- Recommendatory exposing conditions for **Abeplate CTcP**:
 - Lüscher X-pose 230: 700n/min
 - Basys print UV setter 741 : 50-60mj/cm² (when the laser is new)
 - Cron UVP-4632I : 1000rpm, 60mw

4. DEVELOPMENT

- Use developers and processors adequate for CTcP plates.
- Developer temperature:
Depending of the manufacturers, the more common temperature is between 24°C and 28°C.
- Developing time: 20-40 seconds (ABECHGC14: Positive Developing liquid: water=1:4, 25±1°C)
- Setting using our developer **ABCHGC14**:
 1. Time: 30sec.
 2. Temp:25°C, ±1°C
 3. Concentration developer: water=1:4
 4. Brush speed: 120n/min
 5. Replenishment solution same as developing solution (developer: water=1:4)
 6. Replenishment rate: 120 ml/m²
 7. Antioxidant stands by on: 100 ml/h
 8. Antioxidant stands by off: 100 ml/h

5. WAREHOUSING

- Keep away form light and store in a dry place.
- Do not pile up more than 1000 Kgs.
- Conservation temperature: 18-28°C (*High temperatures can affect to plate's quality*)
- Relative humidity: Lower than 65%

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