



abeplate
INFINITY

High chemical resistant Thermal Positive offset plate. The coating is sensitive to Infrared diode laser (IR) at 800-850 nm. For long runs both standard and UV inks without post bake

GAUGES

Standard: 0,15 – 0,30 – 0,40 mm.

On request: 0,20 – 0,25 mm.

COATING EXPOSURE

Coating color: Blue

Contrast after developer: High

Spectral sensitivity: 800-850 nm. With peak sensitivity at 830 nm.

Usable on all thermal platesetters with internal and external drum.

Energy required approx. **100-110 mJ/cm²**

Screen reproduction: **1% - 99% at 400 l.p.i.**

Resolution: up to **3200 d.p.i. and 20 µm. stochastic screen**

Day light sensitivity – UV: Up to 1 hour with white light and up to 4 hours under yellow light

DEVELOPMENT

Use ABEZETA **ABCHA-7200 developer** at the following parameters:

Bath Temperature	22 ± 1°C
Development time	25 ± 5 seconds
Replenishment	Developer ABCHA-7200
Replenishment rate	70-80 ml/m ²
Anti-ox Stand by ON	70 ml/m ²
Anti-ox Stand by OFF	70 ml/m ²

GUMMING – PLATE CLEANER

Apply ABEZETA **GUM ABCH-6970110** ready to use for long-term storage

Apply ABEZETA **GUM ABCH 6970310** ready to use for baking in oven

Apply ABEZETA **Plate Cleaner ABCH-69002** for ink removal and hydrophilic areas preparation

BAKING

INFINITY plate allows to print UV ink without baking but can be baked to get longer press runs

Before baking, apply ABEZETA **GUM ABCH 6970310** for protection.

Baking conditions:

Off-line oven: 230°C during 4 - 5 minutes

On-line oven: 250°C during 2 - 3 minutes

ON PRESS

ABEZETA Fountain solution additives are suitable for sheet-fed and web presses.

Recommended pH range: 4,8 – 5,2

Recommended conductivity range: 800 – 1.500 µS

Run-length unbaked: 300.000 – 400.000 impressions - Standard inks

150.0000 impressions - UV inks

Run-length baked: 700.000 impressions

Run-length can vary according to printing conditions, ink, paper and imaging content

STORAGE CONDITIONS

Keep away from light and store in a dry and cool place

Do not pile up more than 1.000 Kgs.

Storage temperature: Max. 30°C

Relative humidity (RH): Max. 65%

Shelf life: 18 months from the date of production