GALAXY

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 plate setters with internal and external drum.

Energy required approx. **120-130 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 8000 developer** at the following parameters:

Bath temperature	23 ± 1ºC	
Development time	25 ± 5 seconds	
Replenishment	**ABCHA 8000**	**ABCHA 8000R**
Replenishment rate	120 ml/m2	50 – 60 ml/m2
Anti-ox Stand by ON	100 ml/h	40 – 50 ml/h
Anti-ox Stand by OFF	100 ml/h	40 – 50 ml/h

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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

GALAXY plate allows to print standard and UV inks without post-baking.

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: 300.000 – 400.000 impressions - Standard inks.

150.0000 – 200.000 impressions - UV inks.

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. 30ºC.

Relative humidity (RH): Max. 65%.

Shelf life: 18 months from the production date.