

ANTHEM

This is
Chemistry-Free
CTP



ANTHEM

Presstek's Anthem CTP plates bring you the reliability and durability of anodized aluminum plates without the hassle or expense of traditional plate processing. Daylight-safe Anthem thermal plates require only a simple rinse with water and they are ready for printing. Eliminating chemical processing, baking and gumming means lower costs, fewer inconsistencies, and faster makereadies.

- Excellent wet offset print performance
- High resolution
- Just rinse with water—no developers or special handling
- Chemistry-free and day-light safe
- Faster roll-up and makeready
- Consistent and reliable

CLEAR SAVINGS WITH ANTHEM



Quite simply, using Anthem plates will reduce your total operating costs. The savings in time, labor and chemicals streamline the platemaking process. With fewer steps from RIP to press—and no chemical processing—an Anthem-based workflow produces consistent, highly repeatable plates, with fewer steps than chemically developed plates.

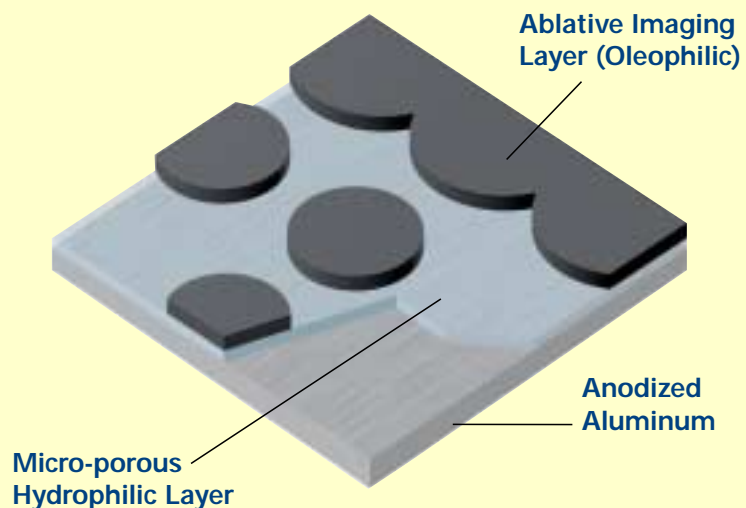
Fast, reliable Anthem plates enable exceptionally quick roll-ups and makereadies. Using Anthem can cut press setup time by as much as 50%. Increase productivity for your entire shop.

Anthem plates on a Dimension platesetter create a dynamic combination that will drive profitability.

CLEAR PERFORMANCE WITH ANTHEM.

Anthem plates print cleaner, sharper images, with less dot gain and greater consistency than conventional wet offset plates. Their unique structure and technology is engineered to provide high resolution, stability, excellent inking characteristics and less water consumption on press than other plates. Anthem plates, rated for 100,000 impressions, are "drop-in" compatible with a wide variety of presses, inks, and fountain solutions.

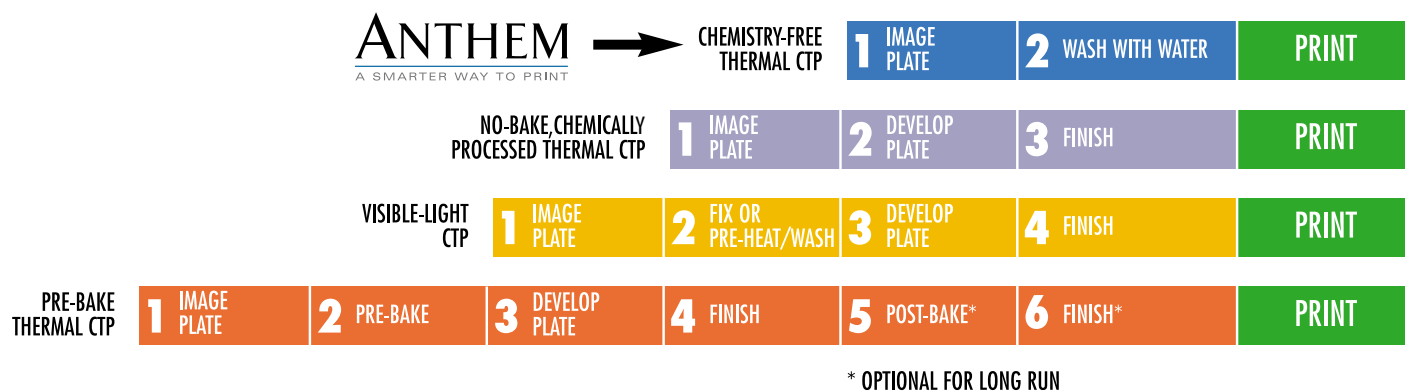
Anthem plates on a Dimension platesetter deliver performance you can rely on.



CLEAR ADVANTAGES WITH ANTHEM

Presstek's chemistry-free CTP solutions will simplify the way you print. Eliminating chemistry from your platemaking process not only eliminates the cost of the chemistry—it saves you clean-up time, warehouse space, and working capital—not to mention the positive environmental impact on your overall operations. Anthem plates on a Dimension platesetter offer all the benefits of CTP without the hassles—it's a Smarter Way to Print.

Presstek CTP for Higher Productivity and Performance



ANTHEM PLATES MAKE PRINTING EASIER, CLEANER AND SAFER.

Presstek's chemistry-free CTP solutions transform platemaking from a variable, expensive, messy, and chemistry intensive process into a simple, clean, and easy task.

CONVENTIONAL CTP

Photochemical cross-linking exposure.
Pre- and/or post-baking.
Passage through chemical baths.

Purchase and handle processing chemicals.
Store and monitor them.

Maintain oven temperatures and surrounding environments—even when machine is not in use.

Variabilities with chemical processing can slow-down makeready time.

Limited shelf-life and special storage environment needed.

Some need red or yellow "safe light" conditions.

ANTHEM CHEMISTRY-FREE CTP

Image, rinse with water, and print.

No chemicals. No waste.
No disposal.

Reduced energy costs.

Consistent performance—exact same caliber plate every time.

Rugged, stable handling.
Not affected by temperature or humidity.

Daylight-safe.

ANTHEM



Thinking about moving to CTP?
Ask Presstek about Dimension CTP. We have a CTP system that's right for your shop.

CHEMISTRY-FREE THERMAL CTP PLATES FOR WET OFFSET

Presstek Anthem Specifications

Plate type	Thermal Positive writing
Plate substrate	Anodized Aluminum
Exposure	Thermal laser
Spectral sensitivity	Thermal (diode and YAG) lasers, 800-1200 nm
Safelight sensitivity	Full daylight operation
Plate size	2-page, 4-page and 8-page formats ¹
Minimum size	240mm x 240mm (9.448" x 9.448")
Maximum size	813mm x 1118mm (32.008" x 44.015")
Plate thickness	.15mm, .20mm and .30mm ² .006", .008" and .012"
Chemistry	Not required
Processing and Preparation	Simple cleaning with water. no baking or gumming required
Operating environment	Daylight-safe; 60 - 75° F Normal pressroom or prepress area conditions
Shelf life	Two years
Plates per box	25, 50 or 100 (size dependent)

¹ The most popular press sizes are available. Contact Presstek or your distributor for availability.

² Not all plate sizes are available in all thicknesses. Contact Presstek or your distributor for availability.

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