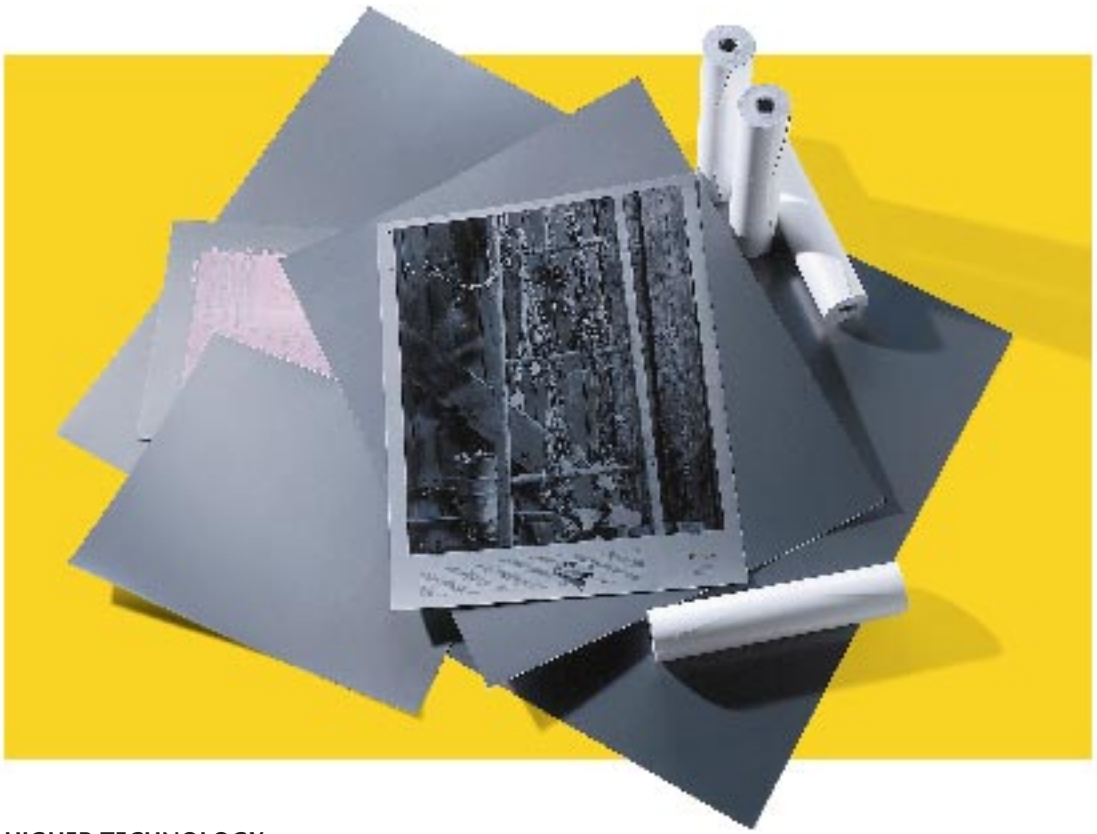
Presstek PEARLdry™

FAST • AFFORDABLE • HIGH-PERFORMANCE • WATERLESS

THERMAL CTP PLATES



HIGHER TECHNOLOGY

PEARLdry™ plates enable you to fully realize the accuracy and efficiency of digital CTP imaging and waterless printing. PEARLdry plates utilize thermal laser imaging – a filmless, chemical-free, daylight-safe process that produces sharp, extremely well defined images for superior on-press performance.

HIGHER EFFICIENCY

PEARLdry plates and CTP imaging eliminate time-consuming steps and variables in production – reducing material and labor costs, streamlining work flow, while increasing consistency and quality. No darkroom, processor, or vacuum frame operations are involved. No chemical processing, gumming or baking is required. Once imaged, simply clean and PEARLdry plates are ready to print!

HIGHER PERFORMANCE

Waterless presses print cleaner, sharper, with less dot gain and greater consistency than conventional wet offset methods. Enhance your waterless printing performance with fast, easy-to-produce PEARLdry plates – whose unique structure and imaging technology combine to provide high resolution, stability, and excellent inking characteristics.

- Thermal laser technology
- 800 to 1200 nm spectral sensitivity
- For on-press and off-press applications
- Cost-effective
- Daylight-safe
- No chemical processing
- No gumming or baking
- High resolution

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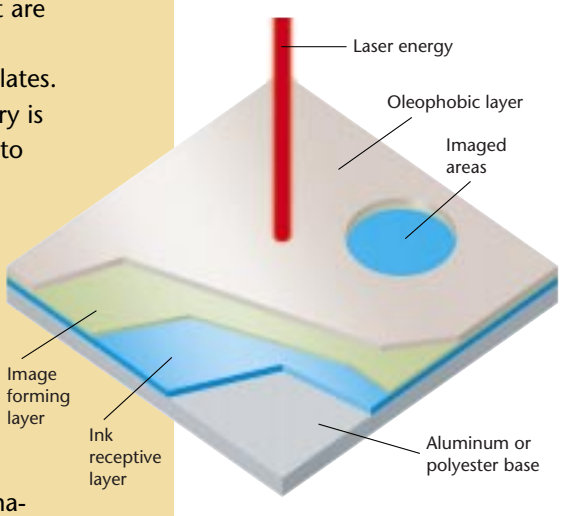
PEARLdry: STRATEGY FOR SUCCESS

PEARLdry plates utilize thermal ablation laser imaging technology, recognized in our industry as the preferred CTP technology – for its high resolution imaging ability and as the only plate technology free of chemical processing. Thermal laser imaging produces plates that are ideally suited for waterless printing – with sharper, harder-edged halftone dots than conventional film-based or visible light CTP plates.

The most widely used thermal CTP plate in the world, PEARLdry is a key component in the success of proven CTP systems. Quality to satisfy the most demanding customer, fast roll-up, consistency, and stability throughout long press runs make PEARLdry a key component in your pressroom strategy.



Daylight-safe, chemical-free operations

While all CTP systems eliminate the steps and waste of film imaging and processing, only thermal laser imaging and PEARLdry plates operate in a completely chemical-free and daylight-safe environment. Independence from darkroom conditions and post-imaging procedures – and subsequent elimination of errors in exposure, chemical stability, and manual intervention – means fast, accurate, repeatable imaging.

Environmentally right choices

In addition to reducing time and costs, PEARLdry eliminates the hazardous waste materials normally associated with lithographic plate production. Non-photographic, PEARLdry plates eliminate the disposal problems and costs resulting from the heavy metals and chemicals of film-based procedures. Plus, the elimination of alcohol-based press dampening systems is a major factor in reducing pressroom emissions through waterless printing. Waterless printing with PEARLdry plates – key components in your environmental strategy.

Proven Presstek performance

No other company has the experience of Presstek in direct thermal imaging. Presstek imaging and plate technologies are proven in countless computer-to-press and computer-to-plate applications around the world.

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At Presstek, we're committed to providing our customers with the products and systems that enable them to realize the full potential of CTP work flow – to increase quality, to improve efficiency, and to build profitability. There's no other company like Presstek. There's no other plate like PEARLdry.

Printed using Presstek technology and plates.

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