

# Presstek Aurora EXP

Extended Performance Chemistry-Free Thermal Plates

- True chemistry-free CTP
- Fewer steps to press-ready plates
- High resolution imaging
- Run lengths to 50,000
- Superior on-press performance
- Raises productivity
- Environmentally-friendly

## AURORA EXP



# Presstek Aurora EXP: True Chemistry-Free CTP with Extended On-press Performance

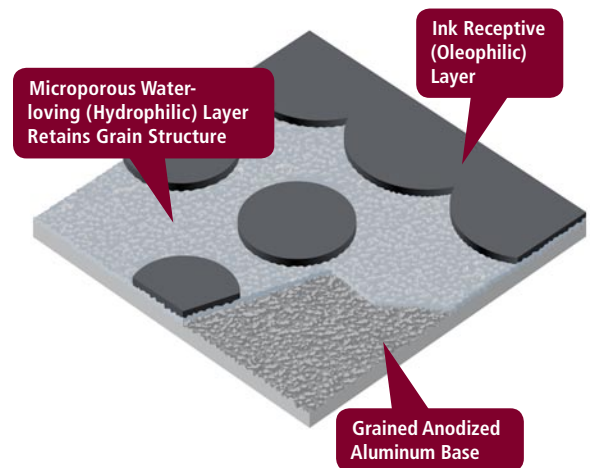
**Aurora EXP is the next generation chemistry-free plate from Presstek, the market leader in chemistry-free plate and CTP technology.**

Aurora EXP combines the performance of grained anodized aluminum plates with the benefits of chemistry-free imaging for superior prepress and pressroom performance.

Once imaged, the Aurora EXP plate requires only a simple water wash, and it is ready to print! No developing, baking or gumming is required. Aurora EXP reduces the total cost of CTP operation by eliminating chemicals and the associated steps and variables in the plating process.

- 100% chemistry-free, no chemical processing or gumming required
- True chemistry-free technology raises productivity and is good for the environment
- Run lengths up to 50,000 impressions
- High resolution (1%–99% at 200 line screen)
- High speed
- Excellent oleophilic/hydrophilic (ink-water balance) properties and on-press performance
- Just rinse with water—no developers or special handling

## AURORA EXP



### Service and Support

Presstek is committed to providing the highest levels of service and support for your Presstek products. By combining our unparalleled expertise in laser imaging and thermal plate technologies with a network of customer care specialists, technicians and field engineers, Presstek brings you the leading support in the industry.

### Presstek Aurora EXP Specifications

Plate Type	Thermal positive writing
Plate Substrate	Grained anodized aluminum
Printing Mechanism	Wet offset
Exposure	Thermal laser (100% daylight safe)
Resolution	1%–99% @ 200 LPI
Spectral Sensitivity	Thermal (diode and YAG) lasers, 800nm–1200nm
Run Length	Up to 50,000 run length*
Safelight Sensitivity	Full daylight operation
Plate Thickness	.006", .008" and .012" (.15mm, .20mm and .30mm)
Chemistry	Not required
Processing and Prep	Simple cleaning with water; no baking or gumming required
Storage Environment	Store in cool, dry place at temperatures below 80°F (27°C)
Plates per Box	25, 50 or 100 (size dependent)
Qualified CTP Systems	A range of manufacturers' thermal CTP systems, including Presstek's Compass and Dimension Pro series.

\*Actual run length may vary according to press, ink and paper conditions.

For more information about Presstek Products:

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Product specifications are subject to change.



Printed on a Presstek DI digital offset press on Chorus Art 100lb. Silk Cover. Chorus Art stock contains 50 percent recycled fiber, including 25 percent post-consumer waste, and is Forest Stewardship Council certified.

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