

# 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

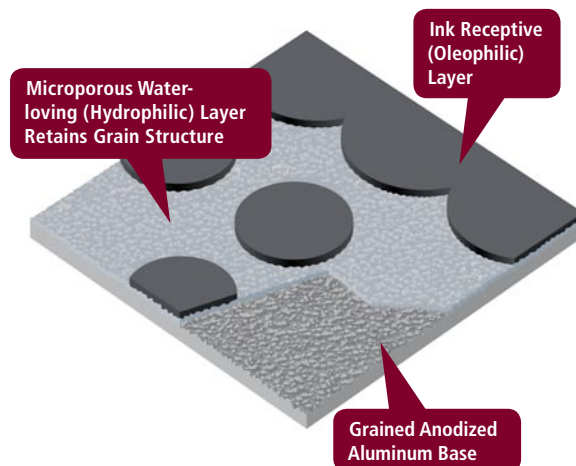
## Presstek Aurora EXP Specifications

<b>Plate Type</b>	Thermal positive writing
<b>Plate Substrate</b>	Grained anodized aluminum
<b>Printing Mechanism</b>	Wet offset
<b>Exposure</b>	Thermal laser (100% daylight safe)
<b>Resolution</b>	1%–99% @ 200 LPI
<b>Spectral Sensitivity</b>	Thermal (diode and YAG) lasers, 800nm–1200nm
<b>Run Length</b>	Up to 50,000 run length*
<b>Safelight Sensitivity</b>	Full daylight operation
<b>Plate Thickness</b>	.15mm, .20mm and .30mm
<b>Chemistry</b>	Not required
<b>Processing and Prep</b>	Simple cleaning with water; no baking or gumming required
<b>Storage Environment</b>	Store in cool, dry place at temperatures below 27°C
<b>Plates per Box</b>	25, 50 or 100 (size dependent)
<b>Qualified CTP Systems</b>	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.

Product specifications are subject to change.

## 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.

For more information about Presstek Products:

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