

# COBRA 830 TN<sup>®</sup> CtP Plate

## Increased CtP Latitude Productivity.

COBRA 830 TN plates open the window for imaging accuracy and imaging consistency. They are priced competitively, are ablation free, and are designed to use less laser power and run at the fastest imaging speeds! You save time, energy, service calls and money!

## Increased CtP Performance, Dot for Dot.

COBRA 830 TN plates deliver superior dot reproduction for precise print management and brilliant color management. Highly resistant to pressroom chemicals and abrasion on press, COBRA 830 TN plates deliver the finest printing possible.

## Improved CtP Customer Service.

Southern Lithoplate provides the highest quality of support through our Certified CtP Specialists. Strategically located throughout the United States, they ensure your operation maximizes the benefits found in our thermal offering.

## FM Screening

COBRA 830 TN plates provide the finest resolution and print fidelity. You will increase print sales with award winning printing by eliminating rosettes, moiré and abrupt tonal changes, when you combine Cobra quality with today's FM Screening techniques.

## Superior CtP Run Lengths.

Published at 250,000 unbaked. Postbaked at 1 million.

**COBRA 830 TN Digital Plates. The first plate to promise and deliver commercial quality at lower costs for your CtP operation.**

**100%**  
*satisfaction guarantee!*



*The choice for World-Class CtP gives you Best-in-Class Patented Technology, plus the extras to improve Performance, Productivity, and Superior Run Lengths.*

Southern Lithoplate's CtP plate offers:

- Commercial quality CtP plate priced according to Southern Lithoplate's Value Leader Mission
- Short- and long-run capability — 250,000 out-of-the-box, 1 million post baked
- FM screening certified
- Robust on press
- High exposure sensitivity
- Excellent water take-up on web presses



800-638-7990  
[www.slp.com](http://www.slp.com)

# COBRA 830 TN<sup>®</sup>

- Widest imaging latitude
- Super fast imaging speeds
- Superior imaging consistency
- 1-99% @ 300 lpi

## Specifications

Plate Type	Superior resolution, negative working, UV- and IR-sensitive
Substrate	Proprietary grain structure for superior base performance
Sensitive Layer	Thermal polymer
Sizes	Varies by gauge, 59" maximum width
Gauges	.008"; .012"
Interleaf	Yes
Spectral Sensitivity	Digital 830 nm Analog 365-420 nm
Digital Energy	95-130 mj/cm <sup>2</sup>
Laser Type	IR
Ablative/Non-Ablative	Non-ablative
Pre-Heat Recommendation	-20°F to -30°F Fog, typical temp of 270°F depending on line speed
Post Bake Recommendation	400°F to 450°F
Length of Run	Unbaked 250,000 plus, depending on press conditions Baked 1 million plus, depending on press conditions
Resolution	1-99% @ 300 lpi FM Screening Certified
Image Contrast	Good
Processing Speed	36" to 48"/min.
Processing Chemistry	Southern Lithoplate 830 Thermal Developer Southern Lithoplate 830 Finisher
Safelight	Yes, Analog Capable



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For complete product  
and purchase information,  
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Manufactured under U.S. Patent #5,763,134.