

# Viper 830-n<sup>®</sup>

## CtP Plate

### The Benchmark for News CtP Plates

Southern Lithoplate, The Value Leader, presents Viper CtP plates, delivering all the benefits of CtP at prices you can afford.

### Increased CtP Latitude Productivity

Viper plates use less laser power and run at the fastest imaging speeds! They are the most forgiving CtP plates, highly resistant to pressroom chemicals and abrasion on press with rapid clean up too. You save time, energy, service calls and money!

### Increased CtP Performance, Dot for Dot

Viper plates deliver superior dot reproduction for precise print management and brilliant color management.

### Print with FM Screening

Deliver the finest printed work possible to your readers and your advertisers with FM Screening, and reduce your ink consumption too.

### Technical Solutions Team

Southern Lithoplate provides the highest quality of support through our Certified Technical Solutions Managers (TSMs). Strategically located throughout the United States, they ensure your operation maximizes the benefits found in our CtP system.

### Redundancy/Backup

Viper plates provide the finest solution for redundancy. If your platesetter ever goes down, just expose your Viper on a traditional plate frame and process through your CtP processor. Straight to press and you're printing with perfection.

### Superior CtP Run Lengths

Published at 200M.

### Viper 830 Digital Plates Maximize Your CtP ROI

*Southern Lithoplate, The Value Leader.*

*Preferred by more newspapers than any other supplier.*



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

Southern Lithoplate's CtP plates offer:

- Highest quality CtP plate priced according to Southern Lithoplate's High Quality Low Cost Mission
- True ROI from analog to CtP
- Short- and mid-run capability—200,000 out-of-the-box
- CtP and Analog capable
- No need for redundant CtP hardware systems
- Thermal platesetters offer the speed, dependability and affordability needed by newspapers
- Thermal CtP is the preferred technology—4 to 1 over its closest competitor



800-638-7990  
www.slp.com

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- Superior imaging consistency
- No slip sheets
- Wider imaging latitude
- Faster imaging speeds
- Analog capable
- No changes to your production environment
- Most forgiving CtP plate



800-638-7990  
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For complete product  
and purchase information,  
log on to [www.slp.com](http://www.slp.com).

Viper is a registered trademark  
of Southern Lithoplate, Inc.  
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## Specifications

<b>Plate Type</b>	High resolution, negative working UV- and IR-sensitive
<b>Substrate</b>	Proprietary grain structure, anodized
<b>Sensitive Layer</b>	Thermal Polymer
<b>Gauges</b>	.008"; .012"
<b>Plate Size</b>	Up to 36" maximum width; Non-slip sheeted
<b>Spectral Sensitivity</b>	
<b>Digital</b>	830 nm
<b>Analog</b>	365 – 420 nm
<b>Digital Energy</b>	95m – 105 mj/cm <sup>2</sup>
<b>Laser Type</b>	IR
<b>Ablative/Non-Ablative</b>	Non-ablative
<b>Pre-Heat Recommendation</b>	-20°F, -30°F Fog, typical temp of 270°F depending on line speed
<b>Length of Run</b>	200,000
<b>Resolution</b>	1–99% @ 200 lpi
<b>Screening</b>	FM Screening Certified
<b>Image Contrast</b>	Very Good
<b>Processing Speed</b>	36" – 48"/min.
<b>Processing Chemistry</b>	Southern Lithoplate 830 Thermal Developer; Southern Lithoplate 830 Finisher
<b>Safelight</b>	Yes, Analog Capable

# 100%

## Satisfaction Guarantee