

Viper[®] 830 TPX



PHOTOPOLYMER DIGITAL LITHOPLATE

Viper[®] 830 TPX

Fast Turnarounds, Brilliant Color Quality

Southern Lithoplate Viper 830 TPX negative-working, thermal photopolymer digital plates are designed for the speed, consistency and affordability needed by today's newspapers. Viper 830 TPX plates offer a wide imaging latitude, producing dots that are solid, stable and predictable. These high-sensitivity plates image fast and process quickly and cleanly. They also boast long developer life.

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The Viper 830 TPX is an innovative digital plate solution for top-quality newspaper printing, as well as advertisements, inserts and flyers. The Viper 830 TPX enables stable plate making, exceptional productivity and superior quality using high-throughput 830 nm laser diode platesetters. Proper image formation on the plate is key to maintaining clean, sharp graphic reproduction on press. Viper 830 TPX plates properly form and hold highlight dots and small details.

Viper 830 TPX plates excel at color newspaper printing. Rated at 2-98% resolution at 200 lpi and capable of FM screening, Viper 830 TPX plates can produce 200,000+ impressions unbaked. Southern Lithoplate's proprietary multistage grain structure improves performance on press by reducing ink usage and delivering excellent ink-and-water balance. High ink receptivity in the image area ensures quick make-readies and eliminates restart waste. Less water and ink means better print quality control and ease of plate use whatever the production environment.

SPECIFICATIONS

Plate Type	Photopolymer Digital Lithoplate Negative Working
Aluminum	Electrochemically Grained and Anodized
Gauge	0.20 mm (0.008") and 0.30 mm (0.012")
Laser Energy	70-90 mJ/cm ²
Resolution	2 – 98% @ 200 lpi dependent on image type, configuration & resolution
Screening	FM Screening (36-micron)
Developer	Southern Lithoplate TPX Developer
Plate Finisher	Southern Lithoplate 840 Finisher
Run Length*	200,000+
Safelight	Yellow
Shelf Life	12 months

** Depends on image resolution, press, press chemicals, ink and paper conditions*



To learn more about CtP solutions from SLP:
Visit www.slp.com or call **(800) 638-7990**

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