Avatar T-ZP

Extremely durable and fast zero-process printing plate for newspaper printers and coldset web applications.

Looking for a new solution that reduces paper and ink waste? Need a printing plate that is truly ecological, economical, convenient and can withstand some of the most demanding print conditions? Then look no further.

AGFA ◆ *Agfa*

Avatar T-ZP

Avatar T-ZP is a thermal zero-process plate for newspaper printers and coldset web applications. By eliminating processing from plate making, Avatar can save printers time and money without compromising on-press performance. Enjoy the benefits of a robust, long-run plate with conventional and UV inks. You can count on fast clean up and restarts day in and out. High sensitivity makes Avatar T-ZP the fastest zero-process plate in today's market, offering real productivity and ecology benefits without giving up durability.

Compatible with most thermal platesetters, Avatar T-ZP ensures excellent lithographic performance while increasing profitability and efficiency. Save time and money with this revolutionary zero-process plate, which merges extreme durability with great productivity for the smoothest printing performance and uncompromising quality.

ECO[3] – More value for your business

Agfa is committed to sustainable innovation that focuses on ecology, economy, and extra convenience – or ECO[3]. We aim at developing cleaner and cost-effective solutions that are easier to operate and maintain, both for chemistry-free and for conventional plate systems.

Avatar T-ZP at a glance

EXTREME DURABILITY
Whether printing with conventional or UV ink, Avatar T-ZP is extremely durable with run lengths up to 100,000 impressions (conventional inks) and up to 30,000 impressions (UV inks), guaranteeing more uptime and greater economy. No need for a second set of the plates, saving operational costs in prepress and on press.

GREAT PRODUCTIVITY
Unlike with other no-process plates in today's market, Avatar T-ZP lets run your thermal CtP system at full speed. Not only is Avatar T-ZP the fastest thermal zero-process newspaper plate, but it also allows you to go from platesetter to press eliminating processor, chemistry, and waste from the manufacturing process, thereby saving time and money.

MAKE-READY IS KING
Avatar T-ZP cleans up fast on press resulting in up to 20% lower dampening settings, increased ink savings and minimized web breaks while improving print quality. With unique restart speeds, Avatar T-ZP minimizes waste during press stops and starts, and gets you up and running in no time.

CONSISTENT QUALITY
As the worldwide leader in newspaper technologies, Agfa offers uncompromising quality. Avatar T-ZP delivers stable and consistent image quality supporting up to 150 lpi, 1-99% depending on platesetter capability. The print quality of Avatar T-ZP establishes a new standard for zero-process plates in today's newspaper market.

EASY TO USE
Our patented zero-process technology eliminates chemical processing variability for greater convenience. No processor to maintain, no chemistry to warehouse or waste to dispose of, simplifying your day-to-day operation. And you can handle it in standard office light too.

ECOLOGICAL AND ECONOMICAL
Go from platesetter to press with Avatar T-ZP. No messy processor to maintain, eliminating chemistry and waste, saving time, money and valuable floor space. No chemicals mean a safer work environment for greater peace of mind.
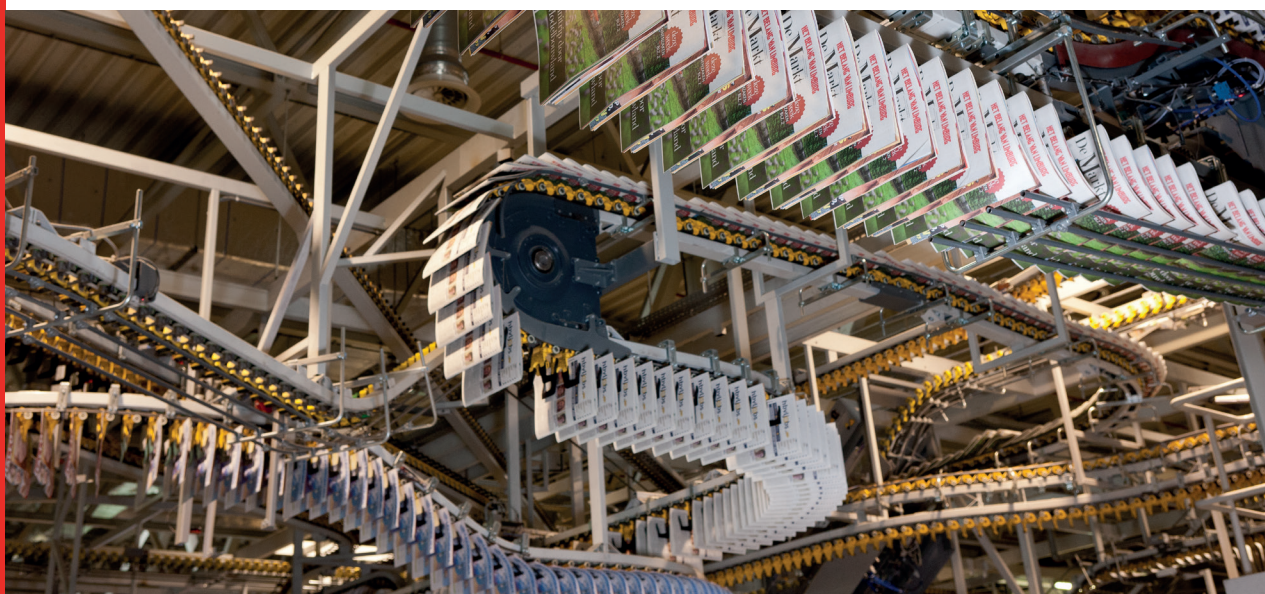
Avatar T-ZP - Technical Specifications

PLATE CHARACTERISTICS	
Technology	Negative working, no process, thermal photopolymer technology
Substrate	High-quality grained and anodized aluminum
Spectral sensitivity	830 nm thermal
Energy	130 mJ/cm²
Platesetter compatibility	Accredited for most common 830 nm external drum plate setters
Plate sizes	All newspaper sizes, single and broadsheets
Gauges	0.15-0.40 mm (0.006-0.016")
Resolution	AM up to 130 lpi - Sublima up to 150 lpi
Applications	Newspaper and coldset web applications
Run length	Up to 100,000 Up to 30,000 in UV

ENVIRONMENT	
Light conditions	Standard office light
Room conditions (T, RH)	18-24 °C (64-75 °F), <70% RH
Storage conditions	Below 32 °C (90 °F), <70% RH

www.agfa.com

AGFA