



# N95-VCF

## The Natural Way of Platemaking

N95-VCF is Agfa Graphics' latest addition to the range of photopolymer offset plates for the newspaper industry. Like other violet offset plates, it is sensitized for visible lasers emitting at 405 nm, but, instead of requiring a chemical developer for processing, it is designed for chemistry-free operation. Agfa Graphics offers fully integrated newspaper prepress solutions that come complete with CtP, clean-out unit (COU), printing plates and Arkitex workflow software.



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# N95-VCF

## Benefits at a Glance

- High robustness on the press (run length, dot gain, press roll-up, ...)
- Flexibility: UV-capable for semi-commercial and special applications
- Very high image contrast after clean-out and gumming, allowing a faultless physical image inspection and as such avoiding confusion or mix-up on press
- Once cleaned out, the plate is fully daylight resistant
- High scratch resistance
- Suited for high-quality Arkitex Sublima screening

## Imaging & Processing Principle

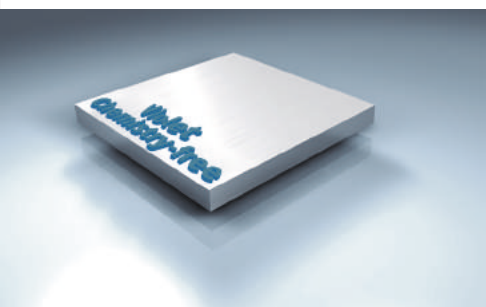
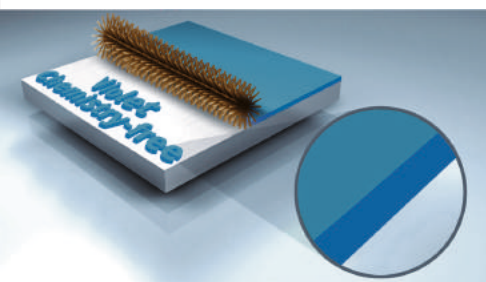
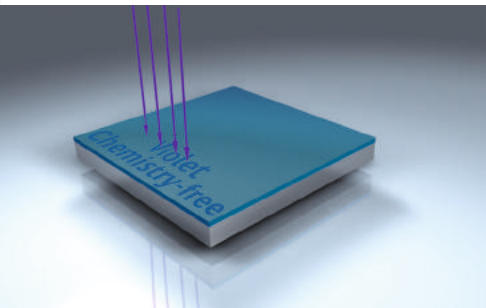
This chemistry-free plate works with all mainstream violet CtP units currently in use at newspaper print sites across the world. During exposure, the violet-laser diode starts the polymerisation of the image area, which is completed in the first section of the COU. Subsequently the plate is gummed with a dedicated plate gum, during which process the soft, unexposed non-image area is easily and cleanly removed.

## Durable Substrate

N95-VCF provides the solid foundation for consistent press performance. Advanced electrochemical graining and anodizing yield the reliability and robustness needed on a newspaper press and the durability required to produce long press runs.



High-volume plate production system Advantage N-TR HS complete with on-line Attiro VHS COU.



## High Performance on Press

Although a chemistry-free plate, press operators will readily accept it as it looks, feels and behaves as any other metal offset plate. Normal plate readers can be used to read the plate without problems. With its high-contrast – dark image on a standard aluminium substrate – a quick visual check will quickly reveal possible errors (e.g. imposition). N95-VCF combines fast, accurate and wide-latitude plate exposure with chemistry-free processing, while ensuring predictable, consistent performance on press.

## A perfectly clean plate with a clear image at high speed

N95-VCF chemistry-free printing plates form a very attractive solution combined with the high-volume plate production system Advantage N and the high-speed clean-out unit Attiro VHS. The latter features a groundbreaking cascade technology, which brings a wealth of productivity and sustainability:

- Minimal gum consumption for maximal clean-out effect
- Extended bath life, lower maintenance
- Clear image on the gummed plate – no confusion on the press

Coldset Printing Partners (CPP), Brussels, Belgium, has ten Agfa Graphics platesetters that are running Agfa Graphics' chemistry-free printing plates.

*"I strongly believe that chemistry-free plates will play a dominant role in newspaper printing in the future. The most important benefit is the **reduction in the use of chemicals** and consequently the **savings** made in disposing of them."* - Erik Elyn, Plant Manager CPP Brussels, Belgium



Attiro VHS clean-out unit, groundbreaking cascade concept for violet chemistry-free

## Plate Specifications

Plate type	Negative-working high-speed, chemistry-free violet-laser plate
Coating	Photopolymer
Gauges	0.20, 0.30 mm
Surface	Electrochemically grained and anodized
Sizes	Newspaper web
Spectral sensitivity	405 nm violet-laser diode
Resolution	2 - 97 % at 130 lpi for ABS 0.5 - 99.5 % at 180 lpi for Sublima
Clean-out unit	Attiro (VHS), VCF 85 or modified processors: VPP & VXP & VXXP
Clean-out gum	Violet CF GUM NP or Attiro GUM (for Attiro only)
Working conditions	Operating temperature 21-25 °C / Relative humidity 40-60 %
Run length	Up to 300,000 Up to 100,000 for UV inks.

## Agfa Graphics' Pressroom Chemicals

Plate correction pen (for unbaked plates)	Polymer deletion pen	
	Standard	ANTURA CtP Plate Cleaner
Plate cleaner	LOW-Voc / NON-VOC	ANTURA Low-VOC Plate Cleaner
	Cleaning gum	ANTURA CleanGum
Fountain solutions	Sheetfed	Not applicable
	Heatsset	Not applicable
	Coldset	ANTURA fount CS(H)1
	Rehardener	RC611
Roller and blanket washes		Xtrawash Plus 40 & 60
Pressroom starters packs (including fountain solution, dampening cleaner, rehardener (standard pack only) universal key & sponge)	Standard	NP starters pack
	Hard water	NP starters pack hard water

Not all plates are available in every region. Contact your local Agfa Graphics' representative for more information.



### ECO<sup>3</sup>

Agfa Graphics is committed to sustainable innovation that focuses on ecology, economy, and extra convenience—or ECO<sup>3</sup>. 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.

[www.agfagraphics.com](http://www.agfagraphics.com)

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