



N95-VCF

Violet chemistry-free offset printing plate for newspapers that combines outstanding lithographic quality with easy handling, excellent durability and eco-friendliness

N95-VCF photopolymer plates are part of ECO3's fully integrated newspaper prepress solutions that come complete with CtP, clean-out unit (COU), screening technologies and Arkitek workflow software.

**YOU
PRINT.
WE
CARE.**

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 offers an extended bath life, low maintenance and automated cleaning cycles with the Attiro Cleaning Module (ACM).

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.

Imaging & processing principle

This chemistry-free plate works with all mainstream violet newspaper CtP units. 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.

High performance on press

Although N95-VCF is 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 a quick visual check will quickly reveal possible errors.

PLATE CHARACTERISTICS		
Technology	Negative-working high-speed chemistry-free violet-laser offset plate	
Coating	Photopolymer	
Substrate	Electrochemically grained and anodized aluminium	
Spectral sensitivity	405 nm violet-laser diode	
Platesetter compatibility	Most violet platesetters	
Plate sizes	All newspaper sizes, single and broadsheets	
Gauges	0.20, 0.30 mm	
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	
Run length	Up to 300,000 Up to 100,000 for UV inks	
ENVIRONMENT		
Light conditions	Yellow	
Room conditions (T, RH)	Operating temperature 21-25 °C / Relative humidity 40-60 %	
Storage conditions	Temperature: < 30°C (86°F) / Relative humidity: 40 - 60 %	
ECO3 OPTIMIZED PRESSROOM SUPPLIES		
Gums	Violet CF Gum	
	Attiro Gum	
Plate cleaner	Standard	ANTURA CtP Plate Cleaner
	Cleaning gum	ANTURA CleanGum
Fountain solutions	Sheetfed	Not applicable
	Heatset	Not applicable
	Coldset	ANTURA Fount CS Plus / ANTURA Water Conditioner
Roller and blanket wash	XTRAWASH Plus 40 & 60	
Correction material	Polymer deletion pen	
Rehardener	ANTURA water conditioner	