

Superia PRO-VN: Overview

Low-chemistry newspaper plate

The Superia PRO-VN low chemistry newspaper plate offers industry-leading productivity and quality while minimising chemistry use.



Key features

- ▶ 2-98% @ 1270 dpi / 100 lpi
- ▶ Up to 300,000 impressions
- ▶ Low chemistry consumption
- ▶ High productivity
- ▶ Sharp dot
- ▶ Consistent image quality

High productivity with a reduction in chemistry consumption

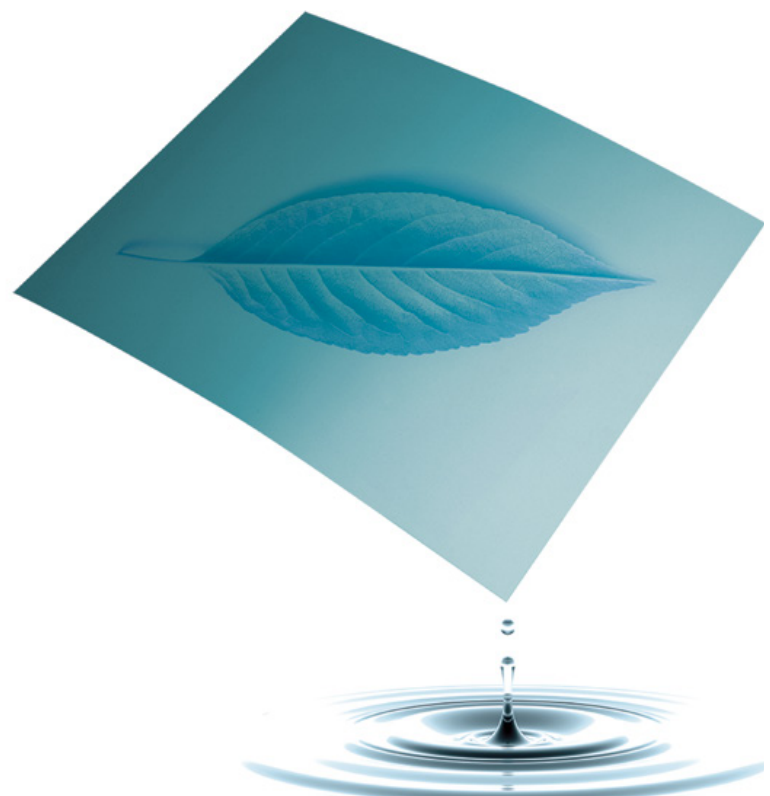
When used in conjunction with the HDX NewsSpeed finishing unit, the Superia PRO-VN plates result in a dramatic reduction in chemistry consumption, as no developer is required. Specifically developed to meet the production demands of the newspaper industry, the low-chemistry plate enables newspaper printers to achieve the same levels of productivity as they achieve with conventionally processed violet CTP plates.

Cleaner, simpler working and maintenance

Low-chemistry working not only reduces the pH level of the processing system, but the added benefit of a no water rinse option means less system waste. This cleaner working leads to less downtime required for system cleaning and maintenance.

Sharper dot for consistent quality and repeatability

The Superia PRO-VN newspaper plates are superior in dot reproduction. Less dot gain makes adjustment of the calibration curve easy, and the plate's coating technology offers wide exposure latitude, allowing for consistent printing quality throughout the run and excellent repeatability.



Technical specification

Superia PRO-VN	
Laser type	Violet LD 405 nm
Resolution	2-98% @ 1016 dpi / 85 lpi 2-98% @ 1200 dpi / 100 lpi 2-98% @ 1270 dpi / 100 lpi
Gauges	0.3mm (high strength aluminium)
Sensitivity	0.03 - 0.04 mJ/cm ²
Developer/Replenisher	No developer or replenisher required, only a simple finishing solution
Finishing solution	LC-VN
Bath life	30 m ² /l or up to 6 weeks
Run length*	200,000 - 300,000
UV ink characteristics (unbaked)	Good with recommended washes

* Run lengths are always dependent on laser power and press conditions

For further information:

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