

Superia ZE: Overview

Processless goes mainstream

Fujifilm's next generation processless plate is ready to advance your commercial offset production to new levels of efficiency. With excellent robustness, Superia ZE delivers high run lengths, consistent high quality, and the best on-press performance in the industry. It is also compatible with UV inks.

Key features

- ▶ Superb on-press performance
- ▶ Exceptional durability
- ▶ Up to 200,000 impressions
- ▶ 1-99% at 200 lpi
- ▶ Suitable for high quality print applications, including 20µm FM screening, with consistent quality through the run
- ▶ Suitable for use with UV inks
- ▶ Eliminates processor, chemistry, gum and water in conventional plate production
- ▶ Excellent latent image visibility

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SUPERIA  **ZE**

Processless goes mainstream

Superia ZE is the latest groundbreaking processless plate from Fujifilm. It truly allows processless to go mainstream, meaning any short to medium run commercial printer can take advantage of all the benefits of going processless. No water, no waste, no processor – the plate just needs to be imaged and mounted on press, to make it the most efficient offset production process.

Runs longer than any other processless plate

Superia ZE is engineered for robustness and durability, delivering a run of 200,000 with one set of plates. That means you can handle longer runs with less plate remakes and press downtime.

Consistent high quality throughout the run

Print quality is exceptional - capable of 1-99% resolution and 20 µm FM screening, Superia ZE does not require any processing or finishing involving chemistry or gum, so the stability and consistency is actually better than a traditionally processed plate.

Great performance with UV presses

Physical robustness is not the only strength of Superia ZE, it also has excellent solvent resistance so can be used with conventional and new generation UV inks.

Superb on-press performance

Superia ZE features a new 'Interface Adherence & De-bonding' (IAD) technology to deliver outstanding on-press development performance, even under low ink conditions. This makes Superia ZE the fastest processless plate on the market to run up to colour, delivering the fastest production speeds.

The ideal processless plate for everyday use

Thanks to over 12 years on ongoing development, and a number of unique technologies, Superia ZE features the best combination of quality, latent image visibility, run length, versatility and on-press performance on the market, making Superia ZE the ideal plate for everyday use.



Technical specification

Superia ZE	
Print application	commercial and web
Laser type	thermal LD 830 nm (800 - 850 nm)
Technology	non-ablative, processless
Sensitivity	110 - 150 mJ/cm ²
Resolution	200 lpi (1-99%)
FM screen compatible	yes - FM20
Gauges	0.15, 0.30, 0.40 mm
Safelight	one hour, 600 lux white light
Latent image	up to 1 week
Contrast	acceptable after one week
Developer / replenisher	N/A
Bath life	N/A
Gum	N/A
Run length* unbaked	up to 200,000
Run length* baked	not practical
Run length* UV ink unbaked	up to 75,000
Run length* UV ink baked	not practical

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

For further information:

Please contact your local Fujifilm partner.

web www.fujifilm.eu/print **YouTube** Fujifilm Print **Twitter** @FujifilmPrint

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