

NEWSPAPER Plates

PRODUCT BROCHURE

Plates designed to meet the demanding needs of today's newspaper platerooms & pressrooms



Plates for NEWSPAPER PRINTING

Printing newspapers puts heavy demands on plates: they need to be quick to make and must deliver consistent quality right through long print runs. Fujifilm's research and development team has created a range of plates that more than fulfill these criteria. Whatever plate-making system you use, there is a Fujifilm plate that is perfect for your needs.

Created just for newspapers

Unlike other manufacturers that simply supply commercial printing plates to newspapers, Fujifilm has designed its plates to produce the best possible performance on newspaper presses – without compromise. All plates (LH-NN2, LP-NNV, Ecomaxx-VN, and Ecomaxx-TN) are dedicated newspaper plates.

High productivity

Fujifilm plates use high sensitive coatings for increased productivity and imaging latitude.

Flexible processing

Fujifilm plates have a wide processing latitude and can typically be developed in processors already installed on site, which saves money and increases flexibility.

Consistent image quality

Fujifilm's coating technology offers wide exposure latitude and stable dot on press.

Better chemistry saves time

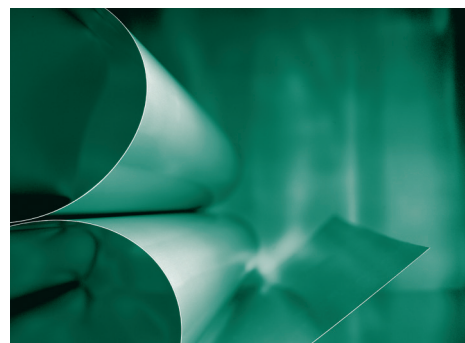
Not only do Fujifilm developers work longer, but processors are easier to clean, which means fewer man-hours cleaning processors and disposing of spent chemicals.

Easy handling

The range of dedicated newspaper plates has advanced handling performance.

Sharper dot

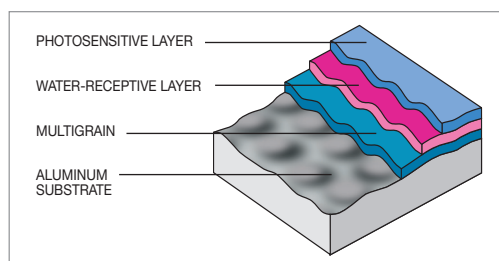
Fujifilm photopolymer newspaper plates are superior in dot reproduction. Less dot gain makes adjustment of the calibration curve easy, allowing for consistent printing quality throughout the entire run.



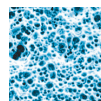
MULTIGRAIN Technology

The secret of Fujifilm newspaper plates' success lies in their unique surface.

A complex structure of different sized grains provides all plates with superb press characteristics that make them perfect for long-run newspaper printing:

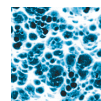


- ▶ Excellent press performance
- ▶ Optimum ink/water balance uses less ink
- ▶ Faster clean-up
- ▶ Less waste paper



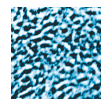
Primary grain

The largest grain is receptive to water molecules and delivers excellent tonal values.



Honeycomb grain

Within the primary grains lie smaller grains which endow the plate with wide development latitude and durability – longer print runs and resistance to scum.



Micropores

The smallest grains – the micropores – further enhance the plate's surface durability and give the optimum balance between ink and water levels.

Plates For THERMAL CTP

LH-NN2

Dedicated high speed photopolymer plate for thermal laser platesetters

- ▶ Negative working image orientation
- ▶ Sensitivity designed to support high pph throughput with thermal laser platesetters
- ▶ High quality tone reproduction and dot integrity
- ▶ Durable image layer for extra long run length
- ▶ Long developer bath cycle for optimized operating cost and less maintenance time

SUPERIA ECOMAXX-TN

A dedicated thermal plate for newspaper applications.

- ▶ True processless technology simplifies production and eliminates processing chemicals and effluents
- ▶ High sensitivity supports high PPH plate making requirements
- ▶ Eliminates processing equipment and associated capital investment for floor space and maintenance
- ▶ Fujifilm MultiGrain delivers fast roll-up, clean restarts, wide ink/water balance performance, and good scum resistance.

Plates For VISIBLE LIGHT CTP

LP-NNV

Dedicated high speed photopolymer plate for violet laser diodes

- ▶ Extra long run-length and precise highlight dot printing
- ▶ Sharp dots from the highlights to the shadow areas
- ▶ Bright yellow safelight operating
- ▶ Long developer life means less frequent cleaning reducing overall maintenance
- ▶ Strong plate chemical resistance ensuring compatibility with pressroom environments
- ▶ Fast roll-up, clean restarts, wide ink/water balance performance and good scum resistance



SUPERIA ECOMAXX-VN

Dedicated lo-chem high speed photopolymer plate for violet laser diode platesetters

- ▶ Lo-chem system reduces pH level of processing system
- ▶ No water rinse option for less system effluent
- ▶ Simple, clean maintenance for less operator burden
- ▶ Wide exposure latitude provides imaging stability and repeatability
- ▶ Fast roll-up, clean restarts, wide ink/water balance performance, and good scum resistance



	G&J HDX 85	G&J Raptor 85	Krause BlueFin 850	Krause BlueFin LowChem 850
Supported plates	LP-NNV LH-NN2 Ecomaxx - VN	LP-NNV LH-NN2 Ecomaxx - VN	LP-NNV Ecomaxx - VN	Ecomaxx - VN
Dev tank capacity	54L	22L	100L	125L
Max plate width	850mm	850mm	850mm	850mm
Min plate length	276mm	274mm	270mm	270mm
Footprint	1,330mm (W) 2,770mm (L) 1,160-1,310mm (H)	1,255mm (W) 1,954mm (L) 1,010-1,100mm (H)	1,372mm (W) 2,746mm (L) 1,220mm (H)	1,372mm (W) 2,050mm (L) 1,220mm (H)
Notes		Duty rating ~100,000 M ² /year	FlowControl system	

Specifications

	SUPERIA ECOMAXX-VN	LP-NNV	LH-NN2	SUPERIA ECOMAXX-TN
Plate type CTP plate	Photopolymer CTP plate	Photopolymer CTP plate	Photopolymer CTP Plate	Thermal
Light source 405nm	Violet LD 405nm	Violet LD 405nm	Thermal 830nm IR Laser	Thermal 830nm IR Laser
Sensitivity	0.03-0.075mJ/cm ²	0.05mJ/cm ²	75mJ/cm ²	120-150mJ/cm ²
Resolution @ 100 lpi	2-98%	2-98%	1-99%	1-99%
Run length	200,000	300,000	300,000	up to 100,000
Safelight G10	Yellow G10	Yellow G10	Yellow UV Cut Light	Yellow UV Cut Light
Developer	LC-V	LP-DNNW	LP-DZ	N/A
Developer replenisher	Distilled water	LP-DNR	LP-DRZ	N/A
Finishing gum	N/A (managed by LC-V)	FN-6	FN-6	N/A



WORLDWIDE PRODUCTION

Fujifilm has strategically developed manufacturing facilities around the globe ensuring customers and partners instant access to product – wherever your business is and whenever you need it. From plant to plant and continent to continent, our standards are exacting as evidenced by three Deming Awards for Quality. It's a philosophy that has served us – and our customers – very well.

In the U.S., Fujifilm remains committed to the graphic communications industry with \$2 billion invested in our state-of-the-art facility in Greenwood, South Carolina. Since its opening in 1989, the Greenwood facility has continued to grow and expand to meet the needs of the industry. In addition, Fujifilm built new CTP lines at its Netherlands and China facilities. All factories are certified to ISO 9000 standards.

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