

BRILLIA	high quality, consistent, proven technology, digital newspaper plates.
NHR	a high contrast - sharp dot newspaper recording film.
NCF	positive and negative high speed processed newspaper camera films.

FUJIFILM

Newspaper Film & Plates

THE RIGHT TOOLS
designed specifically for the newspaper market.



Fujifilm Brillia digital plates, NHR recording film and NCF camera film have been developed for the unique production requirements, and the high acid, groundwood papers of the newspaper market.

Recording and camera films with excellent dimensional stability that reproduce exceptionally crisp halftone and line work. Digital plates that deliver outstanding quality, even on long print runs. In short, newspaper-specific products that perform to the same industry leading standards of high quality, consistency and reliability that you've come to expect from Fujifilm.

Brillia Features:

- High speed
- Fujifilm consistency, image stability, long shelf life
- Incorporates Fujifilm's proven MultiGrain technology
- Consistent, high quality tone reproduction
- Totally aqueous, no silver effluent
- Aluminum-based
- Same printing characteristics as our conventional PS-Plate line
- FD-YAG laser light source (532 nm) and AR-ION laser light source (488 nm)
- 30 mw and above violet laser diode (405 nm)

NCF Features:

- High speed processing equivalent to RAS systems
- Same line and halftone sharpness as lith systems
- Excellent gradation reproduction – positive and negative
- Polyester base provides excellent dimensional stability
- Wide exposure latitude
- High sensitivity – optimum for copydot and line work
- Develops in any processor with high quality results

NHR Features:

- Optimum color sensitivity – well matched to helium neon laser and red laser diode output
- Wide exposure latitude – high contrast and sharp dot
- Excellent linearity – less recorder adjustment
- Maintains high D/max (5.0+) using HQ developer
- Replenishment rate is 100 ml per 20 x 24 film sheet when processed with Fuji HQ developer QR-D1
- Anti-static barrier minimizes dirt and dust on film
- Better abrasion resistance during exposure
- Available in 50.8 mm and 71 mm core diameter

FUJIFILM'S PROPRIETARY MULTIGRAIN TECHNOLOGY

All Brillia plates are made by applying a complex grain structure, consisting of primary grains, honeycomb grains and micropores, to an aluminum support. This "MultiGrain" structure produces a synergistic effect that results in:

HIGH SPEED & CONSISTENCY

Fujifilm Brillia plates are suitable for use with the highest speed visible light platesetters on the market. Fujifilm's acclaimed manufacturing process ensures unparalleled consistency.

RICH TONE REPRODUCTION

Fujifilm Brillia plates offer exceptional dot resolution in highlight, midtone and shadow areas, with a minimized dot gain ratio and superior print quality.

CLEAN WORKING ENVIRONMENT

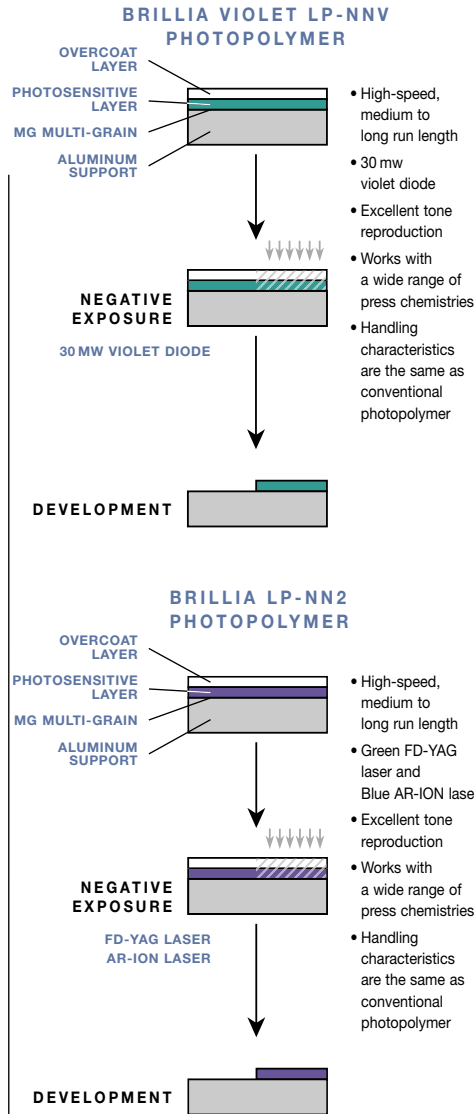
Fujifilm has produced the cleanest plate system available. Neither plate nor processing solutions are harmful to the environment.

EXCELLENT INK AND WATER BALANCE

A unique MultiGrain aluminum structure provides water receptivity that ensures an easy-to-maintain ink and water balance, plus minimum dot gain on press.

LONG PRESS LIFE

The structure of the plate is designed to meet the demands of the newspaper pressroom environment.



SPECIFICATIONS:

NCF NEWSPAPER CAMERA FILM

BASE
• 4 mil (.0100 mm) polyester base

COLOR SENSITIVITY
• Orthochromatic

SAFELIGHT
• Fuji Safelight Filter SLG-6 (Red) with 20 watt bulb. Use 3 feet away from safelight.

PROCESSING CONDITIONS
• Best results are obtained by processing in Fuji HQ developer QR-D1. Optimum processing conditions are 30 seconds dwell at 95° F (35° C). UR-F1 fixer at 90° to 95° F should be used.

Chemical	Temperatures	Mixing Ratio
Development QR-D1	95° F (35° C)	Dev: H ₂ O = 1:3 Replenish = 1:2
Fixing UR-F1	90° to 95° F	Fix & Replenish = 1:2
Washing Running Water	75° to 86° F	1.5 gallons/minute
Drying	113° to 122° F	-

Replenishment rates listed for continuous film processing are standard for optimum results.

Developer = QR-D1 100 ml / 20" x 24"
Fixer = UR-F1 120 ml / 20" x 24"

SPECTRA SENSITIVITY
• <350 nm to 560 nm

NHR NEWSPAPER RECORDING FILM
BASE
• 4 mil (.0100 mm) polyester base

COLOR SENSITIVITY
• Red Sensitive

SAFELIGHT
• Dark Green Filter (Fuji #4B)

PROCESSING CONDITIONS
• Best results are obtained by processing in Fuji HQ developer QR-D1. Optimum processing conditions are 30 seconds dwell at 95° F (35° C). UR-F1 fixer at 90 to 95° F should be used. Very good results obtained in conventional rapid access type processing at 100° F and 30 seconds dwell time.

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Development QR-D1	95° F (35° C)	Dev: H ₂ O = 1:3 Replenish = 1:2
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Replenishment rates listed for continuous film processing are standard for optimum results.

Developer = QR-D1 100 ml / 20" x 24"
Fixer = UR-F1 120 ml / 20" x 24"

SPECTRAL SENSITIVITY
• 360 nm to 440 nm & 510 nm to 725 nm

BRILLIA DIGITAL PLATES TYPE

• Negative working, high speed photopolymer

LIGHT SOURCE
Brillia LP-NN2 Digital Newspaper Plate

• Green FD-YAG laser (532 nm)
• Blue AR-ION laser (488 nm)

Brillia LP-NNV Digital CTP Plate
• 30mw and above violet laser diode (405 nm)

GAUGE
• .008" and .012"

SIZE
• Available for all common news paper press sizes

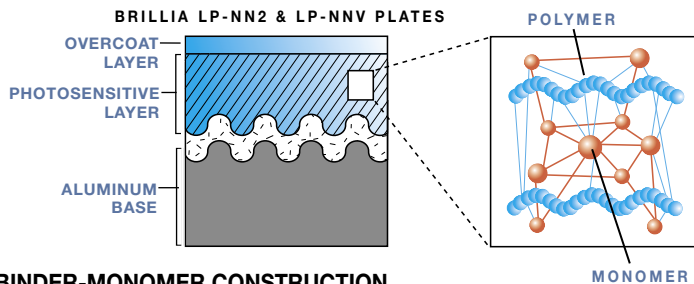
PROCESSING
• Aqueous processing through a dedicated processor

CHEMISTRY
• LP-DNNW Laser Plate Developer
• LP-DNR Laser Plate Replenisher for LP-NN2 and LP-NNV
• FN-6 Finisher

RESOLUTION
• 2% - 98% at 100 lpi

NEWSPAPER Film & Plates

HIGH COHESION BINDER TECHNOLOGY



NEW BINDER-MONOMER CONSTRUCTION

There is a high level of cohesion between the strong and flexible binders, and monomers. A strong and flexible network structure makes possible long press run length.

FUJI HUNT CHEMISTRY

Fujifilm film and plate products are designed to achieve optimum results when processed with Fuji Hunt chemistry. To see the complete line of Fuji Hunt products, visit their website at www.fujihunt.com.



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