BRILLIA Digital Plates

PRODUCT BROCHURE

- Fujifilm consistency, image stability, and long shelf life
- Fujifilm's proven MultiGrain technology
- No-bake processing
- Consistent, high-quality tone reproduction
- Ability to print a range of 1-99 percent at 200 lpi conventional and 300 lpi FM and hybrid screening technologies
- High resolution, as fine as 10 micron* (Brillia LH-PJ and LH-PL*)
- Complete aqueous system
- Reduced chemical consumption for processing
- No ablation
- Excellent UV printing capability
Superior image quality for virtually every CTP technology in operation today

No matter what CTP technology your business utilizes, Fujifilm's extensive line of Brillia High Definition (HD) digital thermal plates will give you faster makereadies and superior image quality. Fujifilm’s Brillia LH-NI3, a negative long-run, baked thermal plate, joins the company’s LH-PJ, LH-PL, and Ecomaxx-T plate products to create a complete family of thermal CTP plates for long, medium, and short run applications.

For newspaper production, Fujifilm also introduced the Brillia LH-NN2 plate designed for use with high throughput thermal platesetters commonly used by newspaper printers. LH-NN2 delivers superior plate making results in a clean operating environment while also providing superior on press startup and restart performance.

The Brillia line of plates has Fujifilm’s patented MultiGrain surface treatment technology, most recently made popular by our LH-PJ plates with remarkable ink/water balance performance, and the resulting savings by lower operating costs they’re able to achieve on press.

Brillia HD plates are the result of years of research and development at Fujifilm’s extensive R&D facility, culminating in the development of the new High Definition (HD) technology. The new HD emulsion technology is designed specifically to allow wider imaging and processing latitudes, enabling you to achieve high quality print production more easily. With consistent production from the company’s manufacturing facilities around the globe, Fujifilm is committed to delivering what our customers need, day in and day out.

The new line of thermal plates features reduced chemical processing and processless versions for sheetfed, commercial web, and newspaper applications. While each plate has different capabilities, all of them deliver superior results: better consistency, sharper dots, faster makereadies, and the smallest environmental footprint available.

Whether it’s a series of short runs or regularly scheduled long press jobs, Fujifilm’s Brillia HD line offers you a choice of high-quality plates that will help your business deliver consistent and superior print quality, time after time and job after job.
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:

► Outstanding printing efficiency
► Rich tone reproduction
► Long press life
► Simple platemaking

**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 the plate nor the 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, and less piling to reduce paper waste.

**Totally aqueous**
Fujifilm offers the first complete plate system which utilizes only aqueous chemicals, from short-run duplicator to long-run web.

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**Brillia LH-PJ, LH-PL & Ecomaxx - T**

**A NEW GENERATION OF THERMAL CTP PLATES**

New Fujifilm technology achieves:

► Wider ink/water balance with new enhanced MultiGrain
► Better scuff resistance for prepress handling
► Excellent tone reproduction for high definition printing
► Lower chemical cost with “ZAC” control system
FLH-Z Processor

Designed to provide greater prepress productivity, Fujifilm has introduced the unique “Z” plate processor. This revolutionary intelligent processor utilizing ZAC technology monitors conductivity and precisely controls activity, resulting in increased chemistry life, decreased effluent and reduced costs.

The FLH-Z processor features:
- Supports LH-PJ, LH-PL, LH-NI3, and LH-PSE Plates
- Faster plate processing
- Accurate monitoring of conductivity and automated control of activity
- Unparalleled developing consistency
- Elimination of scrub roller pressure development variation
- Reduced effluent discharge
- Decreased processor maintenance
- Greater intervals between chemical changes
- Optional remote monitoring of all processor functions with Fujifilm’s ColorPath Universe

VIOLET

<table>
<thead>
<tr>
<th>LP-NV2</th>
<th>LP-NNV (Newspaper)</th>
<th>ECOMAXX-VN2</th>
</tr>
</thead>
<tbody>
<tr>
<td>(Post UV treatment is optional)</td>
<td>Supports very high plates per hour during peak production</td>
<td>• Newspaper Press run lengths of up to 200,000</td>
</tr>
<tr>
<td>• Suitable for UV and long press runs</td>
<td>Superior on-press performance</td>
<td>• Much less system effluent</td>
</tr>
<tr>
<td>• Scaleable system to reach many run length requirements</td>
<td>Designed specifically for today’s newspaper publisher</td>
<td>• Fast, clean roll up, wide ink/water balance, and good scum resistance</td>
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</table>

THERMAL

<table>
<thead>
<tr>
<th>LH-PJ (With FLH-Z processor)</th>
<th>LH-PL (With FLH-Z processor)</th>
<th>LH-NI3</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Positive working, no-bake thermal plate</td>
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<td>• Negative pre/post bake plate for extreme run length market; 1,000,000+ impressions</td>
</tr>
<tr>
<td>• Rated at up to 300,000 impressions*</td>
<td>• Extended long run length; rated at up to 600,000 impressions*</td>
<td>• Superior chemical resistance</td>
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<tr>
<td>• Designed for high print quality jobs</td>
<td>• Excellent UV printing capability</td>
<td>• Great post bake aptitude for large format sizes</td>
</tr>
<tr>
<td>• 1%-99% at 200 line screen</td>
<td>• Shared processing with LH-PJ for flexible system capability</td>
<td>Utilizes FLH-Z processing for optimal system control</td>
</tr>
<tr>
<td>• Excellent UV printing capability</td>
<td>• Fast and clean press roll-up and restart, due to less chemical and processor maintenance</td>
<td>• Consistent press performance derived from chemical development</td>
</tr>
</tbody>
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THERMAL cont.

<table>
<thead>
<tr>
<th>LH-PSE (With post baking)</th>
<th>ECOMAXX-T (True processless)</th>
</tr>
</thead>
<tbody>
<tr>
<td>• High-quality, positive working thermal plate for extra long press runs and demanding press conditions</td>
<td>• Suitable for UV and package printing</td>
</tr>
<tr>
<td>• Rated at 1,000,000 impressions*</td>
<td>* Run length depends on press, stock, ink, and chemical conditions.</td>
</tr>
<tr>
<td>• Fast, simple production steps (goes directly from imaging to on-press clean-up)</td>
<td>• Rated at 100,000 impressions*</td>
</tr>
<tr>
<td>• Smallest environmental footprint</td>
<td>• No system effluent</td>
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* Dependent upon platesetter and screening used.