Introducing Fujifilm’s Enhanced Flenex FW Plate

- Improved plate handling for greater durability
- Improved stability of isolated highlight dots
- Total platemaking process time of nearly 30 minutes
- Advanced ink transfer capability
- Greater productivity for faster job turnaround
- Eco-friendly, safer, and solvent free
- Compatible with all common flexo CTP systems
- Compatible with existing water-wash equipment

Facts not Fiction
**FLENEX FW**
The New Industry Standard in Digital and Analog Flexo Printing

With exclusive Fujifilm water washable chemistry and innovative photopolymerization technology, the new **Flenex FW** provides the fastest, cleanest, highest-quality, most cost-effective flexo platemaking process in the industry.

Now printers can maintain a stable environment with a consistent flat-top dot reproduction of 1% at 200 lpi without any additional equipment. Deliver more reliable, repeatable results in less time than ever before.

**The Speed of Industry-Changing Technology**

The Flenex FW reduces platemaking processing times to nearly 30 minutes, working 400% faster than leading solvent systems and significantly faster than current thermal and water technologies. Faster platemaking maximizes operating press time, dramatically increasing your output while extensively lowering your labor costs.

![Graph showing platemaking processes](image)

**Seeing is Believing**

Flenex FW delivers unmatched image quality. Get consistent 200 lpi at 5,080 dpi, 1% process dot structure for print quality never before seen with flexo plates. Experience sharper images and smoother vignettes with improved tonal range to create bright, impactful labels, tags, envelopes, and flexible packaging to meet all of your clients' demanding needs.

**Digital Plate – High Gradation**

*Original image*  
*Solvent plate*  
*Flenex FW plate*  

![Extended image of Screen (SEM image x 200)](image)  

*Print dot shape and size*  
*Screen shape of the plate*

“Round Top-Dot”  
“Flat Top-Dot”  

*Poor Gradation*  
*High Gradation*
One-Two Productivity Punch

Fujifilm’s exclusive water washable chemistry of Flenex FW enables each plate to perform equal to or better on press than any other competitive platemaking option on the market today. The Flenex FW flexo solution further achieves greater productivity with its reduction in plate swell, enhanced plate durability and ease of handling that reduces repeat platemaking and results in longer, more stable print runs.

Hassle-Free Ink and Equipment Compatibility

See improved results attained with your existing equipment. The Flenex FW is fully compatible with all Analog, Digital and Hybrid screen technologies, and all common flexo CTP imaging systems including ESKO, SCREEN, CRON, and Kodak.

Fujifilm offers a full range of waterwash processing equipment, from small stand-alone units such as the C-Touch, to full in-line systems. So now you can eliminate higher-cost solvent and thermal processors, along with those infamous upcharges on consumables.

Plus, both the analog and digital versions of Flenex FW can be used with any UV, LED, waterbase, or solvent-based inks. No special SKUs needed. Just clean and get ready for the next job, no matter what ink is required.

Go Green

Washout of Flenex FW plates is accomplished using a C-Touch All-In-One processor with mild detergent and warm water. The residual solution can be treated as common wastewater, after removing a small amount of residual particulate. This particulate can normally be treated as common waste with minimal, if any, environmental impact.*

Compare this to the known impact solvents and wicking cloths make on the environment during their life cycle, and you’ll see how Flenex FW provides you and your employees a safer, greener solution.

The simplicity of Flenex FW plate processing lets you realize a significant reduction in environmental impact.

*Local regulations should always be validated for proper environmental disposal requirements.

Plate Swell Charts

In 12 and 24 hour plate swell tests, FLENEX FW resulted in 25% to 45% less swelling compared to solvent plates.

C-Touch 2530
All-in-one Processor

THE FUJIFILM GREEN POLICY

We at Fujifilm believe that “sustainable development” of Earth, mankind, and companies in the 21st century is an issue that must be addressed with the highest priority. As a socially responsible corporation, we actively undertake corporate activities with our environmental values in mind. We strive to be a dedicated steward of the environment and assist our customers and corporate partners in doing the same.
### Technical Specifications

#### Analog Plate (FW-A) Structure

**Product Structure**
- Cover Film
- Slip Coat
- Photopolymer
- Adhesive Layer
- Base Film (PET)

**Features**
- High Resolution: Screen 200Lpi/1%
- Quick plate-making: 32min/1 sheet

#### Digital Plate (FW-L2) Structure

**Product Structure**
- Cover Film
- Black-mask Layer
- Photopolymer
- Adhesive Layer
- Base Film (PET)

**Features**
- High Resolution: Screen 200Lpi/1%
- Quick plate-making: 32min/1 sheet
- Easy image control: Small “Bump-UP” characteristic
- High gradation: “Flat Top Dot” shape

### Product Line-Up

<table>
<thead>
<tr>
<th>Main Applications</th>
<th>Flexible Packaging, Stickers/Labels, Envelopes, Cartons, Paper/Plastic Bags, Varnish Coating</th>
<th>Varnish Coating</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Plate Types</strong></td>
<td><strong>Analog Plates (FW-A)</strong></td>
<td><strong>Digital Plates (FW-L)</strong></td>
</tr>
<tr>
<td><strong>Support</strong></td>
<td>polyester film 0.125mm (0.005&quot;)</td>
<td>polyester film 01.25mm (0.005&quot;)</td>
</tr>
<tr>
<td><strong>Thickness</strong></td>
<td>1.14 mm (0.045&quot;)</td>
<td>1.14 mm (0.045&quot;)</td>
</tr>
<tr>
<td></td>
<td>1.70 mm (0.067&quot;)</td>
<td>1.70 mm (0.067&quot;)</td>
</tr>
<tr>
<td></td>
<td>2.84 mm (0.112&quot;)</td>
<td>2.84 mm (0.112&quot;)</td>
</tr>
<tr>
<td><strong>Size</strong></td>
<td>457x600mm (18x24&quot;) to 1067x1524mm (42x60&quot;)</td>
<td>457x635mm (18x25&quot;) to 1067x1524mm (42x60&quot;)</td>
</tr>
<tr>
<td><strong>Hardness (Shore A)</strong></td>
<td>74/77/79 (*) 1.14mm</td>
<td>74/79 (*) 1.14mm</td>
</tr>
<tr>
<td></td>
<td>62/68/74 (*) 1.70mm</td>
<td>62/74 (*) 1.70mm</td>
</tr>
<tr>
<td></td>
<td>66 (*) 2.54mm</td>
<td>66 (*) 2.54mm</td>
</tr>
<tr>
<td></td>
<td>60/66 (*) 2.84mm</td>
<td>60/66 (*) 2.84mm</td>
</tr>
<tr>
<td><strong>Ink Compatibility</strong></td>
<td>Water-base ink</td>
<td>Water-base ink</td>
</tr>
<tr>
<td></td>
<td>UV ink</td>
<td>UV ink</td>
</tr>
<tr>
<td></td>
<td>Solvent ink</td>
<td>Solvent ink</td>
</tr>
<tr>
<td></td>
<td>Water-base/UV varnish</td>
<td>Water-base/UV varnish</td>
</tr>
</tbody>
</table>

* The number of sheets per case may vary by product grade. Please contact account executive with any questions.
**Fujifilm measurements

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**For more details go to:**
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