FUJIFILM
Value from Innovation

Facts not Fiction

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
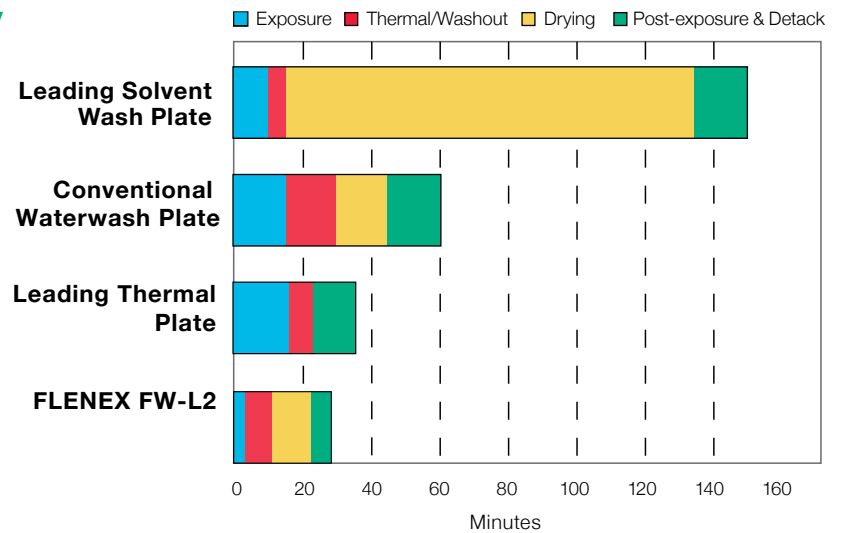- Compatible with existing water-wash equipment

FLENEX

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.

Legend: ■ Exposure ■ Thermal/Washout ■ Drying ■ Post-exposure & Detack

Chart (Minutes):
- **Leading Solvent Wash Plate** — approximately 150 minutes
- **Conventional Waterwash Plate** — approximately 60 minutes
- **Leading Thermal Plate** — approximately 35 minutes
- **FLENEX FW-L2** — approximately 28 minutes

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.

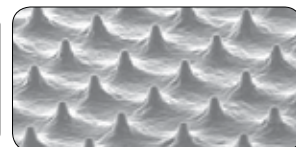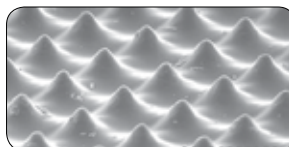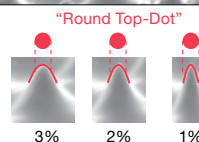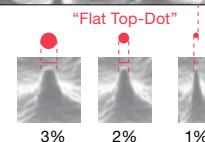### Digital Plate – High Gradation

Original image   *Solvent plate*   *Flenex FW plate*

Extended image of Screen
(SEM image x 200)

"Round Top-Dot"   "Flat Top-Dot"

Print dot shape and size
Screen shape of the plate

3% 2% 1%   3% 2% 1%

Poor Gradation   High Gradation

A True No-Chem Flexographic Plate

FLENEX

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.
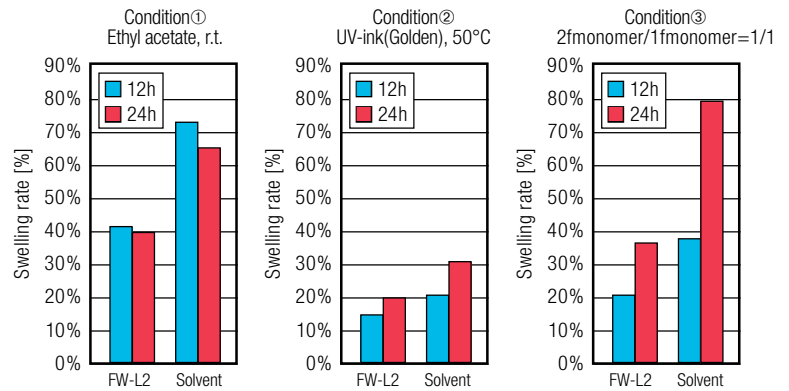
Go Green

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.
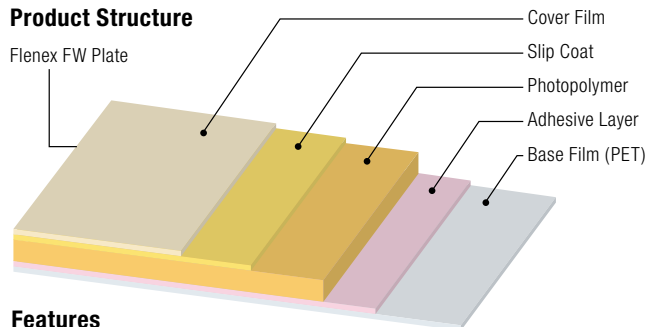
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Technical Specifications
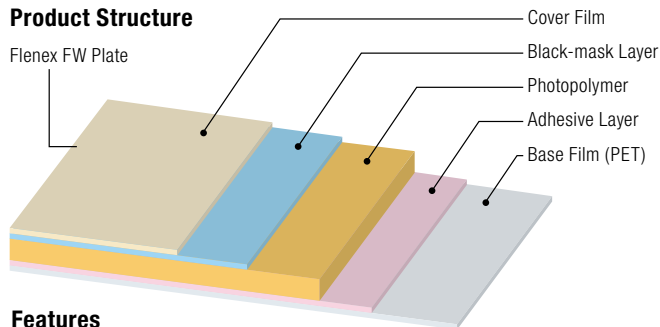
Analog Plate (FW-A) Structure

Product Structure

Flenex FW Plate

- 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

Flenex FW Plate

- 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

Main Applications	Flexible Packaging, Stickers/Labels, Envelopes, Cartons, Paper/Plastic Bags, Varnish Coating			Varnish Coating
Plate Types	**Analog Plates (FW-A)**	**Digital Plates (FW-L)**	**Digital Plates (FW-L2)**	**Analog/Digital Plates**
Support	polyester film 0.125mm (0.005")	polyester film 01.25mm (0.005")	polyester film 01.25mm (0.005")	polyester film 0.250mm (0.010")
Thickness	1.14 mm (0.045")	1.14 mm (0.045")	1.14 mm (0.045")	0.95 mm (0.037")
	1.70 mm (0.067")	1.70 mm (0.067")	1.70 mm (0.067")	1.14 mm (0.045")
	2.84 mm (0.112")	2.84 mm (0.112")		
Size*	457x610mm (18x24") to 1067x1524mm (42x60")	457x635mm (18x25") to 1067x1524mm (42x60")	457x635mm (18x25") to 1067x1524mm (42x60")	850x1070mm (33.5x42.1")
				900x1200mm (35.4x47.2")
Hardness (Shore A)**	74/77/79 (°) 1.14mm	74/79 (°) 1.14mm	77 (°) 1.14mm	80 (°) 0.95mm
	62/68/74 (°) 1.70mm	62/74 (°) 1.70mm	68 (°) 1.70mm	78 (°) 1.14mm
	66 (°) 2.54mm	66 (°) 2.54mm		
	60/66 (°) 2.84mm	60/66 (°) 2.84mm		
Ink Compatibility	Water-base ink	Water-base ink	Water-base ink	Water-base/UV varnish
	UV ink	UV ink	UV ink	
	Solvent ink	Solvent ink	Solvent ink	
	Water-base/UV varnish	Water-base/UV varnish	Water-base/UV varnish	

(Left column spanning all rows: **Product specifications**)

* 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:
www.fujifilmgraphics.com
P 800.877.0555 | **E** contactgraphics@fujifilm.com

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