

# PS PLATES

PS CONVENTIONAL PLATES



# A P L A T E F O R E V E R Y N E E D

**A range of conventional plates incorporating Fujifilm's advanced Multigrain surface: outstanding print efficiencies, faithful tone reproduction, long process life and simple platemaking are just a few of the advantages of this outstanding technology.**

## Designed for European presses

This range of plates has been developed to meet the exact needs of the European print industry. Handling, chemistry and on-press results all make PS-Plates easy to integrate into existing working practices.

## Comprehensive product range

Whatever the type of press or print job, there is a PS-Plate that is just right for it. Because they all include Fujifilm's Multigrain technology, performance from one plate to another is predictable, allowing jobs to be spread over different presses without risk of variation in print quality.

## Better results, every time

Low dot gain results in sharper print quality, while the unique micropores create an excellent balance between ink and water to give a much cleaner and further sharpened final result with minimal waste. The Multigrain structure provides excellent surface durability, resisting press wear and scratches.

## Faster on press

The special matt surface on all PS-Plates (except FNL) helps improve contact with film, so reducing the vacuum time. High sensitivity coatings result in shorter exposure times.

## Spot errors early

The high contrast of the Fujifilm PS-Plate range creates a highly visible image after exposure and development, enabling errors to be spotted prior to the job reaching the press and avoiding expensive mistakes.

### Matt surface

#### Faster, cleaner plates

The special matt surface (all PS-Plates except FNL) helps productivity by reducing vacuum contact times and allowing operators to more easily determine when vacuuming is complete.

An extra benefit is minimised exposure flaws caused by stray particles and dust.



## Positive working

Plate	VPL-E	VPS-E	VPU	VPC-E
Application	High quality colour	High quality colour	High quality colour & UV	High quality colour
Run length	Long	Short-medium	Long (normal ink) Medium (UV ink)	Medium
Special characteristics	High contrast after exposure and development. Extra long runs with baking.	High contrast after exposure and development.	UV ink based printing without baking.	Compatible with chemistry from other suppliers.
High quality colour printing:				
High volume work	•			
Rich tone reproduction	•	•	•	•
Stochastic screening & high-definition printing	•	•		•
Monochrome printing (photos, text, ruled lines):				
Efficient & economical text/line work				
High volume text printing				
Clean solids & halftones for the whole run				
Sharp text, photographs & tight solids		•	•	•

## Multigrain technology

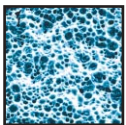
**The secret of PS-Plate success lies in its unique surface.**

A complex structure of different sized grains provides all PS-Plates with superb characteristics that make them perfect for the widely varied demands from high quality “art” brochures to long-run newspapers.



### Primary grain

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



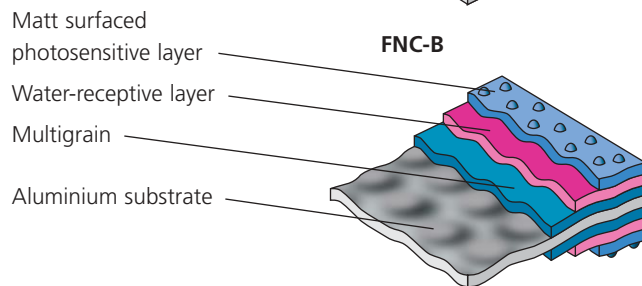
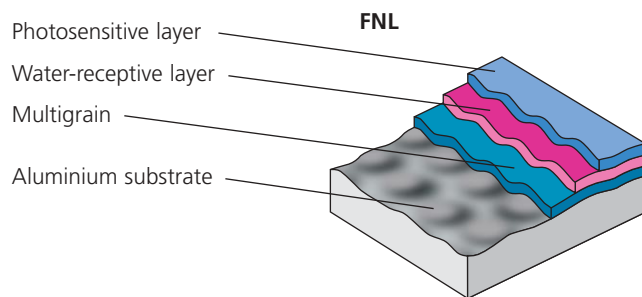
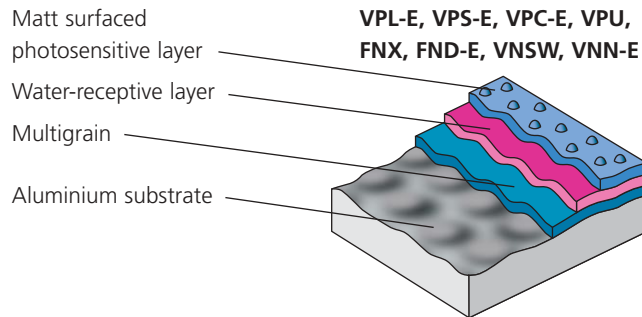
### Honeycomb grain

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.



All layers duplicated on underside

## Negative working

FNX	FNL	FND-E	FNC-B	VNSW	VNN-E
High quality & UV inks	High quality colour	High quality colour	Halftones, text & lineart	High quality colour	High quality newspaper
Very long	Long	Medium-long	Short	Short-medium	Long
Excellent printability and durability.	Excellent printability and durability.	Minimal dot-gain. High protection against blinding. Good scratch resistance.	2-sided plate for economical operation.	Negative working but can be processed using positive chemistry.	Excellent printability and durability.
•	•	•			•
			•		
			•		
•	•	•			•
		•			•
		•	•	•	•

# CHEMISTRY

## PS-Plate chemicals

Product		Positive Plate		Negative Plate			Notes
		VPL-E VPS-E VPU	VPC-E*	VNN-E	FND-E FNX FNL FNC-B	VNSW	
<b>HD-P1</b>	Developer Developer replenisher	•				•	For spray and dip type processors; concentrate
<b>HD-P1 DW</b>	Developer	•				•	For spray and dip type processors; ready to use
<b>HD-P1 RW</b>	Developer replenisher	•				•	For spray and dip type processors; ready to use
<b>HD-P2 DW</b>	Developer	•					For dip type processors; ready to use
<b>HD-P2 RW</b>	Developer replenisher	•					For dip type processors; ready to use
<b>HD-N1</b>	Developer Developer replenisher				•		Ready to use
<b>HD-N2</b>	Developer Developer replenisher			•			Ready to use
<b>FP-2</b>	Finishing gum	•	•				
<b>FN-6</b>	Finishing gum			•	•	•	
<b>GU-7</b>	Gum	•	•	•	•	•	For hand/dip tray
<b>RP-1S</b>	Image remover liquid	•	•				High viscosity
<b>RP-2</b>	Image remover liquid	•	•				Low viscosity
<b>RN-2</b>	Image remover liquid			•	•	•	
<b>EU-3</b>	Etching liquid fountain solution	•	•	•	•	•	
<b>MC-E</b>	Plate cleaner	•	•	•	•	•	Acid type
<b>PI</b>	Protection ink	•	•				
<b>PI-2</b>	Protection ink			•	•	•	
<b>BC</b>	Baking gum	•	•				For hand coating
<b>BC-7</b>	Baking gum	•	•				For machine coating
<b>AF</b>	Anti-foamer	•	•	•	•	•	For developer foaming

\* Compatible with chemistry from other suppliers

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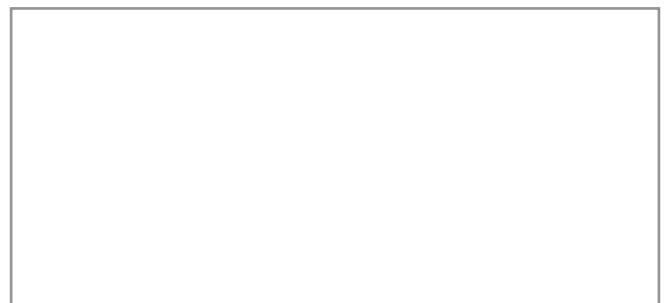
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