



AFP™-R

Reducing the usage of washout chemistry



**Short
wash'n'dry.
Less Swell.**

Reduction in the usage of washout chemistry

AFP™-R is a solvent washable plate with a reduced environmental impact and improved pre-press and press productivity. This is another milestone in our sustainability journey, reinforcing our dedication to continuously improving product development in balance with the environment. The plate comes in two versions. As a flat top and round top version for high quality flexible packaging, label and paper applications, featuring several improvements when compared to a standard solvent wash plate.



Product Features Include:

- Faster plate washout speed vs. standard solvent wash.
- Drastic reduction in plate drying time from 120 to 60 min*.
- Reduction in the usage of washout chemistry based on unique structure of the plate chemistry.
- Premium quality printing challenging the status quo of today's standard solvent technology plates.

*This result is study. Results may vary based on the plate making condition.



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today to
learn more.**

Principle technology difference between a standard solvent wash and AFP™-R plate.

Very much like with good chocolate, there are different flavors and chocolate properties. Imagine a standard milk chocolate compared to puffed rice chocolate.

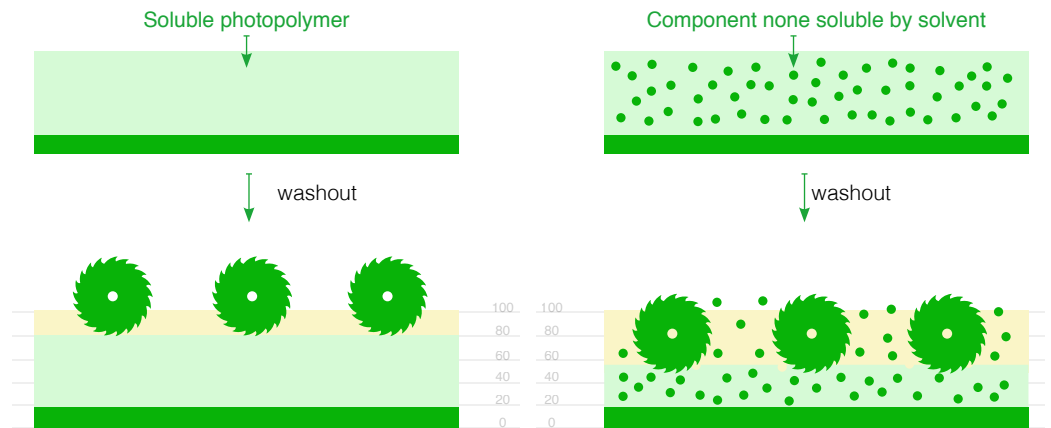
Conventional Plate



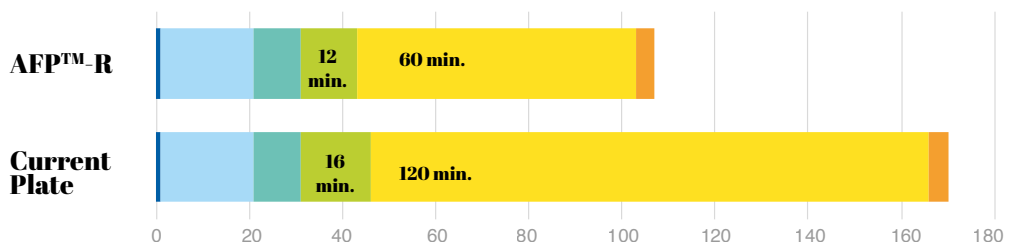
AFP™-R Plate



For our plate the comparison it is the same! The polymer of a conventional plate chemistry needs to completely dissolve inside the solvent which takes time. For the AFP™-R polymer, only the polymer part of the plate is dissolved, the other component parts will be washed away as small particles, speeding up the washout process.



As the AFP™-R plate uses less polymer to be processed by the solvent washer, also the plate washout speed is increased. Faster plate processing speed also means much faster plate drying as the plate is in contact with the solvent for a shorter time, resulting in less plate swelling.



Back exposure



Imaging



Main exposure



Washing



Drying



LF Light finishing

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AFP™-R plate specifications

Name	AFP™-R			
	Flat top		Round top	
Dot shape				
Plate thickness	1.14 mm	1.70 mm	1.14 mm	1.70 mm
Shore A *	77	69	77	69
Applications	Film, Coated paper and Label			
Ink recommendation	Water-based, Solvent-based and UV-based Inks			
Plate colour	Yellow - red			

*The result may vary based on the plate making condition.

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