AsahiKASEI

Asahi Photoproducts
an Asahi Kasei company

AFP™-BFTK

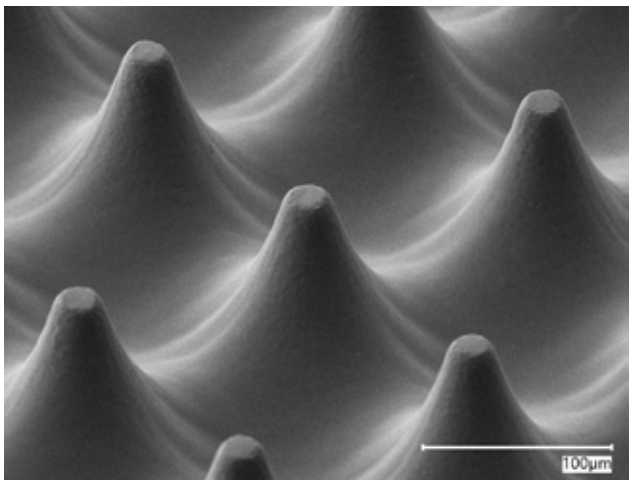
Asahi's first FlatTop plate out of the box
including CleanPrint

Consistency for the long run.

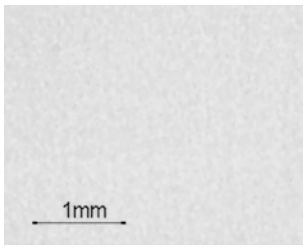
The AFP™-BFTK plates are high-quality solvent wash FlatTop plate solutions with best in class printing press consistency. They improve the ink laydown on wide web flexible packaging film, paper and label substrate in combination with solid screening patterns and keeping high light dots at perfect quality. At the same time due to their CleanPrint technology they keep printing quality very consistent without any plate cleaning needed, using Solvent, Water and UV based ink systems.

FlatTop Out of the box

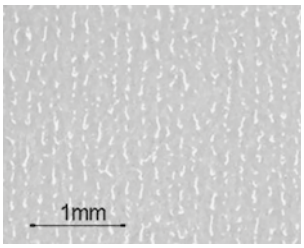
AFP™-BFTK are FlatTop out of the box plates, with no special workflow or equipment required. They are compatible with standard workflows such as: UV bank light tubes, UV LED or FULL HD exposure systems.



Built-In FlatTop



Advanced solid ink homogenity with BFTK



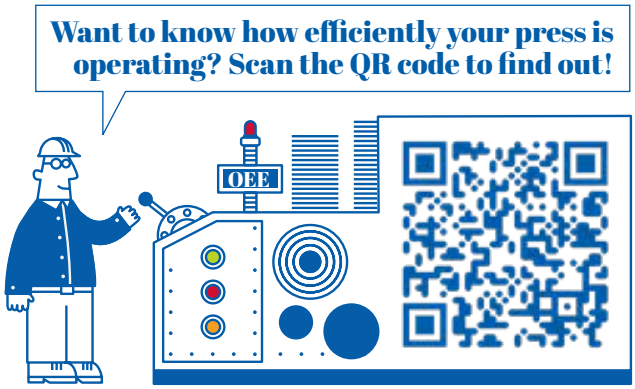
Poor solid ink homogenity with standard plate

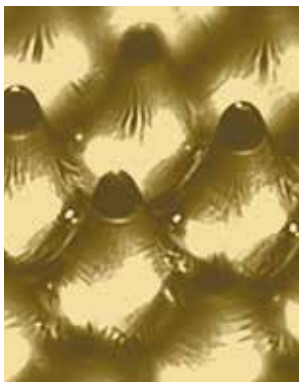
Homogeneous solid area coverage

With perfect printing balance between highlights and solids, these plates deliver advanced homogeneous solid area coverage in combination with solid screening patterns. A truly unique plate solution!

Superior OEE, Superior Quality

Overall Equipment Effectiveness (OEE) is a critical metric for profitable flexographic printing operations. CleanPrint plates deliver up to 33% improvement in OEE over other plates, driving up availability, performance and quality like no other.





Typical Image of RoundTop screen dots

The FlatTop dot surface of BFTK

Consistentcy for the long run

The AFP™ BFTK plate creates stability in printing quality from start to the end. Due to the flat surface contact area, almost any substrate from smooth film to abraise paper can be printed with light printing pressure. The flat BFTK plate surface can also reduce the typical print motteling effect resulting from uneven substrates. This is making the FlatTop BFTK the printers plate of choice for repeated jobs and for the long run.

CleanPrint for More Sustainable Flexographic Printing

AFP™-BFTK flexographic plates feature Asahi's CleanPrint technology which have been specifically developed by our chemical engineers to transfer all remaining ink to the printed substrate, reducing press stops for plate cleaning while delivering exceptional consistent quality throughout the entire run. This results in higher quality, less waste, and improvement in printing press OEE!

Contact Asahi Photoproducts today to learn more.

AFP™-BFTK summary

- Hard FlatTop photopolymer plate allowing advanced solid ink homogeneity in printing in combination with solid micro cell screening technologies.
- Implementation does not require workflow change and can utilize existing equipment.
- Deliver smooth tonal transitions with combination of good highlight dots and solids.
- Allows job transfer from other printing technologies to flexo, increasing versatility for flexographic printing operations.
- Plates are compatible with solvent-, water- and most UV-based inks.
- Improves productivity and OEE due to significantly fewer press stops for plate cleaning.

	AFP™-BFTK	
Plate thickness	1.14 mm	1.70 mm
Shore A Hardness (Teclock)	77	69
Applications	Film, Coated paper and Label	
Ink recommendation	Water-based, Solvent-based and UV-based Inks	
Plate colour	green	

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