



AFP™_TSP

The perfect plate for sticky inks with CleanPrint





Clean. Multi-use. Non-sticky.

The Perfect Plate for Sticky Inks

There are many new ink formulations developed for a variety of print applications such as pet food using PU type (solvent) inks, water-based lamination inks and others. The AFP™-TSP plate is a versatile plate with CleanPrint technology and excellent properties to stay clean during the run on most substrates in flexo printing.

AFP™-TSP is the perfect plate solution for most sticky ink formulations allowing fewer press cleaning stops and consistent print quality.

Don't stick with what you have, stick with AFP™-TSP.



Versatility Personified

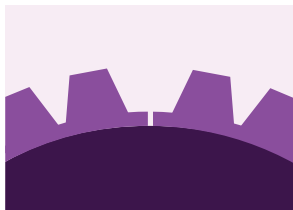
This medium hardness digital flexo plate is optimized for a wide range of printing materials, from absorbent substrates to non-absorbent films and label materials. No matter which substrate is required, you can count on these plates to deliver the ultimate in quality and productivity.



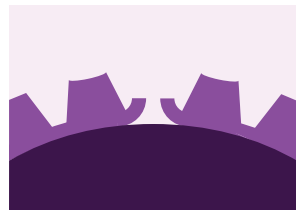
Combine with AFP™-TOP

Combine the medium hardness AFP™-TSP plate with the hard type AFP™-TOP plate to add soft tonal gradations down to zero.

This makes it possible to transfer more jobs from other printing technologies to flexography.



AFP™-TSP - no plate lift-off



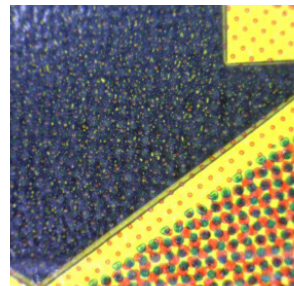
Other plate - plate lift-off

Superb Plate Flexibility

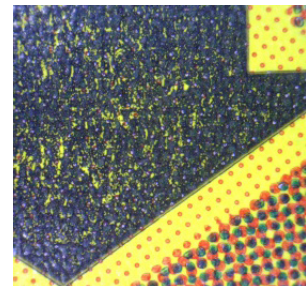
The malleable polymer structure of the AFP™-TSP plate allows plate edges to drape down, significantly reducing plate lift problems. A higher plate drape decreases the number of press stops, improving total OEE.

Improved Ink Homogeneity

A key feature of these CleanPrint plates is their smooth, homogeneous ink transfer versus conventional plates. The ink transfer looks particularly good with regard to the trapping behaviour when different colour inks are printed on top of each other.

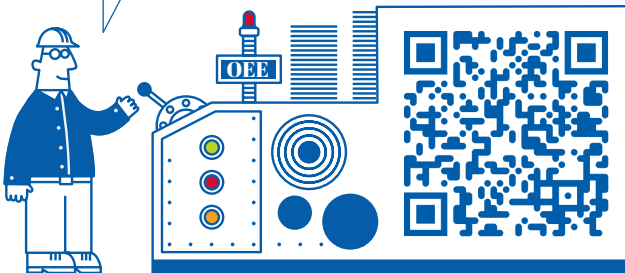


AFP™-TSP - Good trapping of overprint colours



Other plate - Trapping problems

Want to know how efficiently your press is operating? Scan the QR code to find out!



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.

CleanPrint for More Sustainable Flexographic Printing

AFP™-TSP flexographic plates feature Asahi's CleanPrint technology. CleanPrint flexographic plates from Asahi Photoproducts 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 OEE!

Contact
Asahi
Photoproducts
today to
learn more.

AFP™-TSP Summary

- Medium hardness photopolymer plate with homogeneous ink transfer and excellent ink trapping behaviour
- Good combination of screens and solids due to CleanPrint
- Good abrasion resistance on a variety of substrates
- Good base film lamination strength in severe printing conditions
- Excellent drape capabilities reducing plate lift-off in the printed edge
- Can be used on a variety of film, paper and foil-based substrates
- Capability to improve printers' profitability due to fewer plate press cleaning stops
- Works well in combination with hard type AFP™-TOP for excellent highlight screens and homogenous line and solid printing
- Compatible with recent screening and microcell technologies

	AFP™-TSP			
Plate thickness	1.14 mm	1.70 mm	2.54 mm	2.84 mm
Shore A Hardness (Teclock)	69	58	49	48
Applications	Paper- and Plastic Bags, Flexible Packaging, Preprint, Labels, Aluminium Foil, Flat Carton			
Ink recommendation	Water-based, Solvent-based and UV-based Inks			
Plate colour	yellow		orange	

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