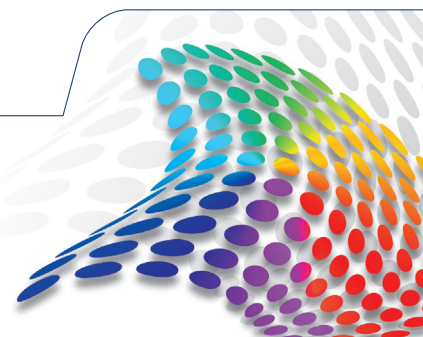




The AWP DEF is the brand new development in photopolymer plate technology by Asahi Photoproducts. For the first time, Asahi is marketing a solid water-washable plate.

This particular product satisfies the most severe criteria in terms of high quality printing and does more to match the current technologies. AWP DEF produces superior results to traditional or thermal technologies and even outperforms the latest generation of digital flexographic printing plates. In addition to the usual benefit of Asahi plate products, this AWP DEF plate gives a level of graphic reproduction similar to digital plates, with a higher ink transfer and a wider tonal range.

- The excellent ink transfer results in superlative ink coverage
- Superbly balanced reproduction of large tonal areas, fine text and halftone elements
- The high durability with UV ink printing
- The extremely high flexibility enables printing, even from small-diameter cylinders
- The plate is compatible with UV ink, solvent-based ink and water-based ink
- The platemaking time is one of the improvements from solvent wash-out type of plate
- Special plate surface that has the ability to prevent ink filling in on fine detailed images
- Easier plate cleaning after printing.



■ **Technical data**

Plate type	AWP – DEF 1.14	AWP – DEF 1.70
Thickness / mm	1.14	1.70
Hardness / Shore A	77	70
K factor	5.98	9.89
Resolution 175 lpi digital	1-98%	1-98%
Isolated line / $\mu\text{m}$	80	80
Isolated dot / $\mu\text{m}$	150	150

The AWP DEF can be processed on a conventional exposure frame, the processing itself being made in a processor „AWP 230W“ specifically designed to process water-washable plates from Asahi.

The plate is exposed on the back to produce the desired relief depth and achieve maximum sensitivity to UV light. After removal of the protective film, the plate is imaged by digital imager with a commonly available laser.

The Plate is then exposed, washed out, quickly dried, and finished by UVA and UVC to ensure the optimum properties of the print-ready plate.

AWP DEF plates are compatible with commonly used UV, solvent- and water-based ink systems.

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