

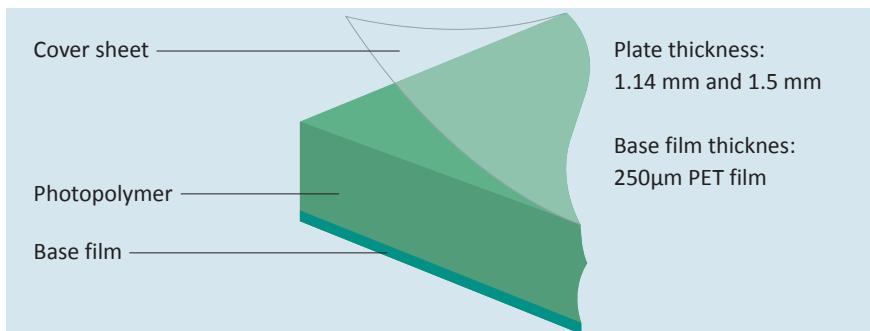
# AFP™-VSP

Varnishing Plate



The AFP™-VSP plate is a new varnishing plate from Asahi Photoproducts for the offset printing and spot coating market. There is an overall growing trend to higher finishing quality leading to more spot varnish applications. Most of the offset presses today that are used in packaging printing are equipped with flexo coating station for metallic and spot varnish inks.

The new AFP™-VSP plate incorporates a tailor made photopolymer development with a high plate abrasion engineered into the chemical plate structure. This will result into high print durability and long plate life time at the printer, increasing productivity at reduced overall material costs. The AFP™-VSP plate also shows a superior ink transfer capability, delivering a homogeneous spot coating of the printed varnish.



The AFP™-VSP plate has a 250 micrometer thick ridged carrier support, giving good tensile strength to the plate and allowing the printer to switch from traditional aluminium based coating plates to foil based plate types keeping perfect dimension plate registration over the printing run.

# AFP™-VSP

| Available plate formate size | AFP™-VSP Plate |        |
|------------------------------|----------------|--------|
|                              | 1,14 mm        | 1,5 mm |
| 635 x 1016 mm                | -              | •      |
| 850 x 1045 mm                | •              | •      |
| 983 x 1133 mm                | •              | •      |
| 1090 x 1350 mm               | •              | •      |

| Plate specifications              | AFP™-VSP Plate                |           |
|-----------------------------------|-------------------------------|-----------|
|                                   | 1,14 mm                       | 1,5 mm    |
| Shore A Hardness (finished plate) | 73                            | 66        |
| Applications                      | spot varnish applications     |           |
| Ink recommendation                | Water based and UV based Inks |           |
| Dot chipping resistance           | very good                     | very good |
| Abrasion resistance               | very good                     | very good |
| Resolution                        | 150 lpi                       | 150 lpi   |
| Tonal range                       | 1–95%                         | 1–95%     |
| Isolated line                     | 80 µm                         | 80 µm     |
| Isolated dot                      | 150 µm                        | 150 µm    |
| Plate colour                      | green                         | green     |

The AFP™-VSP flexo plates can be produced in all Asahi AFP™ processing systems or corresponding processing equipment. The plate is exposed on the back to achieve maximum sensitivity to UV light. After removal of the protective film, the plate is exposed, processed by a solvent wash process, dried and finished by UVA and UVC light to ensure the optimum properties of the print-ready plate.

AFP™-VSP plates feature excellent compatibility with commonly used solvent, water and UV based ink systems on smooth film and coated paper substrates. After printing, the plates should be thoroughly cleaned.

Direct exposure to sunlight and heat during storage is to be avoided.

