



The Future of Flexo. **TODAY**

## The Benefits of Direct Laser Engraving with AVCE are Extraordinary.

AVCE direct engraving material is specifically designed for state-of-the-art laser engraving systems, like those manufactured by Stork Prints. Processing plates and sleeves digitally eliminate the need for film processing, exposing, traditional solvent wash and long drying times. Added benefits include better quality reproduction over longer runs, simple changeover, reduced errors, fast turnaround, more economical and more environmentally-friendly plate production.



AVCE is a true polymer material so pre-exposure (required with photopolymer) is not required. This amazing new material is immediately ready for engraving. AVCE lets you control the engraving parameters that affect dot shape and support, producing precise results which can be changed to match printing requirements. The ability to directly engrave AVCE impacts all three dimensions of the image being reproduced into the printing plate.

Plate relief becomes more shallow and stable since AVCE can be engraved precisely in the third dimension with up to 12-bit digital resolution. The parameters of total relief depth and dot support within the plate are not fixed as physically given with UV exposure. They are operator controlled and adjustable to the density in the design. At the same time, AVCE direct engraving material provides optimum reverse depth in the image without the need to adjust overall plate relief.



### Flexo

- ◆ Approximately 30% faster processing
- ◆ Ideal with UV, solvent and water-based inks
- ◆ Excellent ink transfer
- ◆ Prints up to 200 lpi when processed with Stork engravers

### Letterpress

- ◆ Approximately 30% faster processing
- ◆ Ideal with UV and oil-based inks
- ◆ Excellent ink transfer
- ◆ Prints up to 250 lpi when processed with Stork engravers



For almost 50 years, A&V has supplied materials and equipment that are good for you and good for the environment.



## The Technical Support Behind it is Even More Impressive.



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## AVCE is honored to have received the Accredited Printing Plate for Direct Laser Engraving (DLE) Seal.

This exclusive distinction signifies that AVCE Direct Engraving Material is able to be run through a Stork system on a continuous basis to warrant its quality. SPG Prints only gives this seal to approved and qualified material which has been proven effective in use with the Stork Laser. AVCE is one of only two plates to be awarded this distinction. However, AVCE is the only material that is approved both for Flexo and Dry Offset.



AVCE has now become the world's leading direct engraving material to receive the Accredited Printing Plate seal for direct laser engraving from Stork Prints, the technology leader in direct laser engraving.

"The benefits of direct laser engraving with AVCE are extraordinary, with 30% faster plate processing, amazing print quality and less impact on the environment."



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