

The benefits of direct laser engraving with AVCE are extraordinary.



AVCE Direct Engraving Material



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	Letterpress
<ul style="list-style-type: none"> - 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 	<ul style="list-style-type: none"> - Approximately 30% faster processing - Ideal with UV and oil-based inks - Excellent ink transfer - Prints up to 250 lpi when processed with Stork engravers

The technical support behind it is even more impressive.



When you buy from A&V, it is the beginning of a relationship, not just a transaction. We're committed to helping you make the best use of our equipment and materials, and your resources. Our Training and Technologies team assists customers to make smooth and easy integration of technical advancements like the Helios 6010. Put our 45+ years of flexo experience to work for you. You will be amazed at the results.



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